



## Other connectors and cables

Plug connectors and cables for custom cabling and wiring solutions

**SICK**  
Sensor Intelligence.



### Product description

Custom cabling and wiring solutions are often implemented directly in the field. SICK offers the option of purchasing these solutions individually pre-assembled and ready for use – without compromising on device integration. The standard portfolio includes a variety of straight and angled product variants and different connection technologies that meet the requirements of various enclosure ratings, including IP65, IP66K and IP67.

### At a glance

- Many straight and angled variants
- Different connection technologies
- Fulfills the requirements of the IP65, IP66K and IP67 enclosure rating

### Your benefits

- Flexibility – customized solutions
- Performance – SICK adapts its products to your wishes
- Security – for maximum productivity

## Ordering information

Other models and accessories → [www.sick.com/Other\\_connectors\\_and\\_cables](http://www.sick.com/Other_connectors_and_cables)

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** female connector, D-Sub-HD, 15-pin, straight
- **Signal type:** RS-232
- **Number of slots:** 1

Description	Type	Part no.
RS-232	Adapter	2068506

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** female connector, D-Sub-HD, 15-pin, straight
- **Signal type:** RS-422, RS-485
- **Number of slots:** 1

Description	Type	Part no.
RS-422 RS-485	Adapter	2072514

- **Connection type head A:** Male connectors and female connectors, D-Sub, 15-pin, angled
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Type	Part no.
1.5 m	Adapter with cable	6034428

- **Connection type head A:** Male connectors and female connectors, D-Sub, 15-pin, angled
- **Connection type head B:** Flying leads

Cable	Type	Part no.
5 m	Adapter with cable	6067763

Cable	Description	Note	Application	Type	Part no.
-	-	-	-	Lighting trigger unit and NPN/PNP converter	2056990
				CBL-CX-001000-LFPC	2077792
				CBL-CX-001000-LFPI	2077795

Cable	Description	Note	Application	Type	Part no.
				CBL-CX-002000-LFPC	2077793
				CBL-CX-002000-LFPI	2077796
				CBL-CX-003300-LFPC	2077794
				CBL-CX-003300-LFPI	2077797
				DME3000 Dx100 PROFIBUS upgrade kit	2065222
				DME3000 Dx100 SSI/RS-422 upgrade kit	2065223
				IO-Link connector	2092757
				Node for voltage supply	1078202
				scanGrid2 Multi Sensor Connector	2118543
				Muting connector	2092758
				SBO-02C08-KBDS01	2056108
				Sopas Service Kit	2097408
				T-connector with pushbutton for laser alignment aid, M12, 5-pin	2077933
				VLR-203000021	2134622
				Two-way splitter	5305978
				Extension for M12 to M16	5320690
				FOC03-AM1M	5328672
				FOC05-AM1K	5328670
				FOC05-AM1M	5328673
				FOC10-AM1K	5328671
				Cable set for PLR system	1100829
				X-junction	2097764
				Service interface cable, USB	2066710
				C4000 cable adapter	7026958
				FGS to C4000 adapter kit	7028854
				MGS sender to C4000 sender cable adapter	7026975
				MGS to C4000 adapter kit	7028782
				MGS to C400S adapter kit	7026957
				PG expansion	5307052
				CABLE SLEEVE SNAP-ON FASTENER TP D 4, 2-5, 6 *23LG	5340299

Cable	Description	Note	Application	Type	Part no.
				Cable gland set	6043917
				GROUND STRAP Set SIG350	5346121
				NPT screw connection 1/2"	6070582
				NPT 3/4" screw connection [ATEX / IEXEx]	6070580
					6070581
				Connection mask	2029359
				Modular hood	2030396
				TERM.-AOD/AODG	6033129
				YMUSA9-150XXXMUSB9 OPTICAL USB3	6082992
		Zones with chemicals, Uncontaminated zones		YF8U14-011VA3FYDN2	2098412
				C4000 cable adapter	7026955
				T-piece	6030752
				TR4-AK004C	5325889
				DM8-A4K	6026142
				Cable gland	5329002
				Cable gland	5329001
	Shielded	2 cables for the voltage and data interfaces / In-/Outputs, length 10 m, each with one LMS connection plug and a 9-pin D-sub male connector for RS-232	–	Connection set	2027787
		2 cables for the voltage and da-	–	Connection set	2027786

Cable	Description	Note	Application	Type	Part no.
		CDM425/ CDF600			
0.3 m	Shielded	–	–	RJ45PP/M12 adapter cable	6044052
10 m	–	–	–	Ex cables integrated in hose	2057676
		You need two cables for kit B and kit C.	–	Connection cable, 10 pin (10 m)	2098102
	Unshielded	–	–	Connecting cable	2044612
				Connecting cable for light curtain	2030366
				DOL-2706-10M	2007595
15 m	–	You need two cables for kit B and kit C.	–	Connection cable, 10 pin (15 m)	2098103
	Unshielded	–	–	Connecting cable	2044613
20 m	–	You need two cables for kit B and kit C.	–	Connection cable, 10 pin (20 m)	2098104
2 m	Unshielded	–	–	Connecting cable	2044610
				Connecting cable for light curtain	2030357
				DOL-2706-02M	2006545
				DOL-LL1901-02M	6026579
30 m	Unshielded	–	–	Connecting cable	2044614
3 m	–	–	–	Modular hood	2030494
		You need two cables for kit B and kit C.	–	Connection cable, 10-pin (3 m)	2098100
5 m	–	–	–	Alarm cable	2086211
				Ex cables integrated in hose	2057666
				CABLE KIT 5M PROFINET - 3D SISS	1148350
				CABLE KIT 5M TCP/IP - 3D SISS	1148346
	–	You need two cables for kit B and kit C.	–	Connection cable, 10 pin (5 m)	2098101
	Shielded	–	–	DOL-1612-5M-3	2017568
	Unshielded	–	–	Connecting cable	2044611
6 m	Unshielded	–	–	DOL-2706-06M	2006860

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded

Cable	Connection systems	Application	Type	Part no.
15 m, 7-wire, PUR, halogen-free	Flying leads	–	DOL-127SG15ME25KM0	2076544
15 m, 8-wire, PVC	Flying leads	Zones with chemicals	DOL-1208-G15MA	6022153
2.5 m, 7-wire, PUR, halogen-free	Flying leads	–	DOL-127SG2M5E25KM0	2076540
20 m, 7-wire, PUR, halogen-free	Flying leads	–	DOL-127SG20ME25KM0	2076545
25 m, 7-wire, PUR, halogen-free	Flying leads	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2AA8-250UG2XLEAX	2101143
2 m	–	–	DOL-1208-G02MB	6010748
5 m, 7-wire, PUR, halogen-free	Flying leads	–	DOL-127SG05ME25KM0	2076541
7.5 m, 7-wire, PUR, halogen-free	Flying leads	–	DOL-127SG7M5E25KM0	2076542

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Application	Type	Part no.
10 m, 3-wire	Unshielded	Flying leads	–	–	DOL-1208-G10MR	6049511
10 m, 7-wire, PUR	–	–	–	–	Connecting cable, 7 x 0.25, length 10 m	2059457
10 m, 8-wire, PUR, halogen-free	Unshielded	–	–	–	DOL-1208-G10MC	6035622
10 m, 8-wire, PVC	Shielded	Flying leads	–	Zones with chemicals	DOL-1208-G10MA	6022152
10 m, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG10ME25KM0	6020352
15 m	Shielded	–	–	–	DOL-1208-G15MAC	6038833
15 m, 8-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-1208-G15MC	6038559
15 m, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG15ME25KM0	6020872
2.5 m, 8-wire,	Unshielded	–	–	–	DOL-1208-G2M5C	6058863

Cable	Description	Connection systems	Note	Application	Type	Part no.
PUR, halogen-free						
2.5 m, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG2M5E25KM0	6020537
20 m, 8-wire, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG20ME25KM0	6033096
	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-1208-G20MC	6038560
2 m, 8-wire, PUR, halogen-free	Unshielded	–	–	–	DOL-1208-G02MC	6035620
2 m, 8-wire, PVC	Shielded	Flying leads	–	–	DOL-1208-G02MA	6020633
30 m, 8-wire, PUR, halogen-free	Unshielded	–	–	–	DOL-1208-G30MC	6058865
30 m, 8-wire, PVC	Shielded	Flying leads	–	Zones with chemicals	DOL-1208-G30MA	6022242
5 m, 8-wire, PUR, halogen-free	Unshielded	–	–	–	DOL-1208-G05MC	6035621
5 m, 8-wire, PVC	Shielded	Flying leads	–	–	DOL-1208-G05MA	6020993
5 m, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG05ME25KM0	6020354
7.5 m, 8-wire, PUR, halogen-free	Unshielded	–	–	–	DOL-1208-G7M5C	6058864
7.5 m, PUR, halogen-free	Shielded	Flying leads	–	–	DOL-127SG7M5E25KM0	6020353
PUR, halogen-free	Shielded	IDC quick connection	General UV resistance of the cable, general salt water resistance	–	DOL-1208-G02MAS01	2094930



- **Connection type head A:** female connector, stranded wire, 14-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Incremental
- **Cable:** 0.2 m, 14-wire
- **Description:** Incremental, unshielded

Type	Part no.
DOL-1J14-G0M2XS02	2141879
DOL-1J14-G0M2XB7	6030948

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI, RS-422, TTL, HTL

Cable	Description	Type	Part no.
5 m, 12-wire, PUR, halogen-free	SSI, shielded RS-422 TTL HTL	DOL-2312-G05MHA1	2059786

- **Connection type head A:** female connector, M23, 19-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 19-wire, PUR, halogen-free	DOL-2319-G10MC	6028401
15 m, 19-wire, PUR, halogen-free	DOL-2319-G15MC	6028402
5 m, 19-wire, PUR, halogen-free	DOL-2319-G05MC	6028400

- **Connection type head A:** female connector, M23, 19-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 19-wire, PUR, halogen-free	DOL-2319-W10MC	6028405
15 m, 19-wire, PUR, halogen-free	DOL-2319-W15MC	6028404
5 m, 19-wire, PUR, halogen-free	DOL-2319-W05MC	6028403

- **Connection type head A:** female connector, M12, 2-pin, straight, A-coded
- **Connection type head B:** male connector, round plug, 5-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
2 m, 5-wire, PVC	Sensor/actuator cable, Resistor 10 kΩ between pin 3 and pin 5 male connector, unshielded	DSL-1205-G02MS01	6033320

- **Connection type head A:** male connector, M12, 5-pin, A-coded

Type	Part no.
MLP1-XXT	1078201

- **Connection type head A:** Rectangular plug, MOLEX CMC, 32-pin
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
3 m	Unshielded	Rectangular plug, 32-pin, type Molex CMC	2128227

- **Connection type head A:** Rectangular plug, MOLEX CMC, 48-pin
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
3 m	Unshielded	Rectangular plug, 48-pin, type Molex CMC	2128228

- **Connection type head A:** male connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Connection systems:** Flying leads
- **Note:** for the connection of safety bus modules to S3000
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 6-wire	SDL connecting cable	2029339
15 m, 6-wire	SDL connecting cable	2029340
2.5 m, 6-wire	SDL connecting cable	2029337
5 m, 6-wire	SDL connecting cable	2029338

- **Connection type head A:** End plug
- **Connection type head B:** -

Note	Type	Part no.
End connector for serial connection in combination with T40-A2191N Y-junction	T40-A3191N	6035521

- **Connection type head A:** End plug

Note	Type	Part no.
End connector for serial connection in combination with TR4-AK004C T-connector	TR4-AL002C	5325890

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation, Robot	YF2A13-050S01M2A13	2143022

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Robot, Drag chain operation	YF2A15-C30S01M2A15	2139463
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A85-100UB6M2A85	2096120
15 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation	DSL-1205-G15MC	6038956
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A85-050UB6M2A85	2096119

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Robot, Drag chain operation	YF2A18-C30S01M2A14	2139464
0.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Zones with oils and lubricants, Drag chain operation, Robot	YF2A24-C30S01M2A24	2124997

- **Connection type head A:** female connector, FAKRA, 2-pin, straight, Z-coded
- **Connection type head B:** female connector, FAKRA, 2-pin, straight, Z-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Application:** Automotive

Cable	Type	Part no.
10 m, 50 Ohm coaxial, PVC	YFFZ22-100VC1FFZ22	2144415
3 m, 50 Ohm coaxial, PVC	YFFZ22-030VC1FFZ22	2144413
5 m, 50 Ohm coaxial, PVC	YFFZ22-050VC1FFZ22	2144414

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, ferrule, unshielded	–	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2A15-010UB5XLEBX	2141178

Cable	Description	Note	Application	Type	Part no.
5 m, 2-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Voltage supply	Zones with oils and lubricants	DOL-1202-W05MC	6042067

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG8U14-020S01XLEAX	2148109

- **Connection type head A:** female connector, FAKRA, 2-pin, angled, Z-coded
- **Connection type head B:** female connector, FAKRA, 2-pin, straight, Z-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Application:** Automotive

Cable	Type	Part no.
10 m, 50 Ohm coaxial, PVC	YGFZ22-100VC1FFZ22	2144418
3 m, 50 Ohm coaxial, PVC	YGFZ22-030VC1FFZ22	2144416
5 m, 50 Ohm coaxial, PVC	YGFZ22-050VC1FFZ22	2144417

- **Connection type head A:** female connector, M12, 17-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 17-pin, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
10 m, 17-wire, PUR	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2D-C30S01F2A2D	2148050

- **Connection type head A:** male connector, D-Sub, 9-pin
- **Connection type head B:** male connector, D-Sub, 15-pin
- **Items supplied:** incl. 24V/5V DC converter

Cable	Note	Type	Part no.
0.3 m	For handheld scanners to CDB620/CDM420/CDF600/CDF600-2, adapter AUX port	YMHDAC-C30XXXMDSA9	2056475

- **Connection type head A:** male connector, D-Sub, 9-pin
- **Connection type head B:** male connector, D-Sub, 15-pin
- **Note:** for handheld scanners to CDM425

Cable	Type	Part no.
0.2 m	YMHDAC-C20XXXMDSA9	2052283
0.3 m	YMHDAC-C30XXXMDSA9	2057708

- **Connection type head A:** female connector
- **Connection type head B:** male connector

Cable	Note	Type	Part no.
0.25 m	Configuration and diagnosis adapter for CMF400	YMMXA3-C25XXMDSA9	2030490

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Connection type head B:** male connector, RJ45, 4-pin, straight
- **Signal type:** Ethernet, PROFINET

Cable	Description	Type	Part no.
0.75 m, 4-wire, PUR, halogen-free	Ethernet, shielded PROFINET	YN2D14-C75S01MRJA4	2150245

- **Connection type head A:** male connector, M12, 5-pin
- **Connection type head B:** female connector, M12, 5-pin

Note	Type	Part no.
T-distribution for the simultaneous connection of, e. g., two emergency stop pushbuttons (single-channel) to a field signal connector	Two-way splitter	6024744

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, M23, 12-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Note:** connection of safety bus modules series to C4000 or with cascading devices
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.5 m, 12-wire, PVC	SDL connecting cable	7029160
15 m, 12-wire, PVC	SDL connecting cable	7029163
20 m, 12-wire, PUR	SDL connecting cable	7029164
3 m, 12-wire, PVC	SDL connecting cable	7029161
7.5 m, 12-wire, PVC	SDL connecting cable	7029162

- **Connection type head A:** female connector, M8, 3-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
15 m, 3-wire, PVC	Zones with chemicals	DOL-0803-W15M	6036473
2 m, 3-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0803-W02MCS02	6033866

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Connection systems	Application	Type	Part no.
10 m	–	–	DOL-1204G10M025KM0	2077087
10 m, 4-wire, PUR, halogen-free	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204G10MC75KM0	2079292
2 m	–	–	DOL-1204G02M025KM0	2077084
2 m, 4-wire, PUR, halogen-free	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204G02MC75KM0	2079290
2 m, 4-wire, PVC	Flying leads	Zones with chemicals	DOL-1204-G02M	6009382
5 m	–	–	DOL-1204G05M025KM0	2077085

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G05MAC25	6043440

- **Connection type head A:** female connector, M12, 4-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
1.2 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-1204-W1M2C	6058733
2 m, 4-wire, PVC	Zones with chemicals	DOL-1204-W02M	6009383
5 m, 4-wire, PVC	–	DOL-1204-W05MD	6020399

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
1.5 m, 4-wire, PVC	Zones with chemicals	DOL-0804-G1M5	6049343
10 m, 4-wire, PP	Hygienic and washdown zones, Drag chain operation	DOL-0804-G10MN	6033672

Cable	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0804-G10MCS01	6033873
2 m, 4-wire, PUR, halogen-free		DOL-0804-G02MC	6025894
		DOL-0804-G02MCS01	6033872

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Description:** SSI, shielded

Cable	Type	Part no.
2 m, 11-wire, PUR	DOL-2312-G02MLA2	2030681
30 m, 11-wire, PUR	DOL-2312-G30MLA2	2030701
7 m, 11-wire, PUR	DOL-2312-G07MLA2	2030684

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, M23, 12-pin, straight
- **Signal type:** Incremental

Cable	Description	Type	Part no.
5 m, 11-wire, PUR	Incremental, shielded	DSC-2312-G05MLA3	2030945

- **Connection type head A:** female connector, M12, A-coded
- **Signal type:** Power

Description	Type	Part no.
Power	Actuator Sensor Interface, M12	6022472

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded

Cable	Type	Part no.
0.25 m	Adapater cable 4Dpro	2079767

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Description	Note	Application	Type	Part no.
–	Unshielded	Adapter cable for reset tool, for C4000 Basic Plus and C4000 Micro in conjunction with reset tool (6022103)	–	Adapter cable for reset tool	2026866
0.25 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SGM25E25KM0	6021000
0.5 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SGOM5E25KM0	6021001

Cable	Description	Note	Application	Type	Part no.
0.6 m, 8-wire, PUR, halogen-free	Unshielded	–	Zones with oils and lubricants, Drag chain operation	DSL-1208-G0M6C	6044991
10 m, 8-wire, PUR, halogen-free	Shielded	–		DSL-1208-G10MAC	6034901
	Unshielded	–		DSL-1208-G10MC	6051944
1 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SG01ME25KM0	6021002
	Unshielded	–	Zones with oils and lubricants, Drag chain operation	DSL-1208-G01MC	6051940
1 m, 8-wire, PVC	Shielded	–	–	DSL-1208-G01MAC	6026625
2.5 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SG2M5E25KM0	6021005
20 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SG20ME25KM0	6050811
2 m, 8-wire, PUR, halogen-free	Shielded	–	–	DSL-127SG02ME25KM0	6021004
			Zones with oils and lubricants, Drag chain operation	DSL-1208-G02MAC	6030121
2 m, 8-wire, PVC	Shielded	Y connection cable, M12 male connector, 8-pin/M12 female connector, 8-pin to 15-pin D-Sub, shielded, for connecting Ranger E/D to Power and I/O terminal	Zones with chemicals, Uncontaminated zones	YMHDAC-C20VAXX2Z18	6033172
2 m, PUR	–	–	–	DSC-1208-G02MA	6064004
5 m, 8-wire, PUR, halogen-free	Shielded	–	Zones with oils and lubricants, Drag chain operation	DSL-1208-G05MAC	6032325
	Unshielded	–		DSL-1208-G05MC	6051943

- **Connection type head A:** male connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Connection systems:** Flying leads

Cable	Description	Application	Type	Part no.
10 m	Shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-100UA7XLEAX	6024862
10 m, 5-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	STL-1205-G10MC	6051953



Cable	Description	Application	Type	Part no.
10 m, PUR, halogen-free	Unshielded	–	Connecting cable	6026135
1 m, 5-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	STL-1205-G01MC	6037741
2 m	Shielded	–	Connecting cable	6024860
2 m, 5-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	STL-1205-G02MC	6051951
5 m, 5-wire, PUR, halogen-free	Unshielded		STL-1205-G05MC	6051952
5 m, PUR, halogen-free	Unshielded	–	Connecting cable	6026134

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Type	Part no.
2 m	Shielded	Flying leads	For direct encoder connection	Connecting cable	2067893

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** CANopen
- **Description:** CANopen, shielded

Cable	Application	Type	Part no.
3 m	Cold bending resistant	Connecting cable	6053724
5 m	Cold bending resistant	Connecting cable	6053720
6 m	–	DOL-1205-G06MK	6028326

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** CAN

Cable	Description	Application	Type	Part no.
10 m	CAN, shielded	Cold bending resistant	Connecting cable	6053721

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** CANopen

Cable	Description	Application	Type	Part no.
1 m	CANopen, shielded	Cold bending resistant	Connecting cable	6053723

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Connection systems:** Flying leads
- **Note:** For direct encoder connection

Cable	Type	Part no.
1.1 m	Connecting cable	2098351
2 m	Connecting cable	2077263
3 m	Connecting cable	2141030

- **Connection type head A:** female connector, 7/8", 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Type	Part no.
2 m, 4-wire, PVC	Sensor/actuator cable, twisted pair, unshielded	Flying leads	Connecting cable	6030753

- **Connection type head A:** female connector, round socket, 5-pin
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
Shielded	Sensor/actuator cable, shielded	Connecting cable (female connector - open)	6010474

- **Connection type head A:** female connector, HR10, 6-pin
- **Connection type head B:** Flying leads
- **Signal type:** Power, I/O
- **Description:** Power, I/O

Cable	Type	Part no.
10 m	Connecting cable (female connector – open)	6061065
5 m		6061064

- **Connection type head A:** female connector, HR10, 6-pin
- **Signal type:** Power, I/O

Cable	Description	Type	Part no.
10 m	Power I/O	Connecting cable (female connector – open)	6057120

- **Connection type head A:** female connector, Hirose HR25, 8-pin
- **Connection type head B:** Flying leads
- **Signal type:** Power, I/O
- **Cable:** 5 m
- **Description:** Power, I/O

Type	Part no.
Connecting cable (female connector – open)	6073413
	2117871

- **Connection type head A:** male connector, M8, 3-pin, straight
- **Signal type:** trigger input, Switching output

Cable	Description	Type	Part no.
5 m, 3-wire	Trigger input Switching output	Connecting cable (plug-open)	2031169

- **Connection type head A:** 7-pin
- **Connection type head B:** ferrule

Cable	Type	Part no.
7-wire, PUR	Connecting cable, 7 x 0.25, length 2m	2059455

- **Connection type head A:** female connector, M12, 7-pin, straight
- **Connection type head B:** Flying leads

Cable	Type	Part no.
6 m, 7-wire, PUR	Connecting cable, 7 x 0.25, length 6 m	2059456

- **Connection type head A:** male connector
- **Connection type head B:** male connector

Cable	Description	Type	Part no.
-	-	FOC03-AM1K	5328669
		FOC03-AM1N	2145018
		FOC10-AM1N	2145019
2 m	-	Interface cable	7040012
		Serial interface cable	2059595
3 m, FSI	Unshielded	YMRJA8-030XXXMRJA8	2030451
5 m	Unshielded	CameraLink cable	6033268

- **Connection type head A:** 3-pin
- **Connection type head B:** 3-pin

Cable	Type	Part no.
10 m, 6-wire	CAN extension cable	2020438
	CAN bus cable	2028786
12 m, 6-wire	CAN bus cable	2020861
15 m, 6-wire	CAN extension cable	2020439
20 m, 6-wire	CAN bus cable	2045422
24 m, 6-wire	CAN bus cable	2027031
5 m, 6-wire	CAN extension cable	2020437

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** female connector, JST, 8-pin, straight
- **Signal type:** HIPERFACE®
- **Description:** HIPERFACE®, unshielded

Cable	Type	Part no.
0.1 m, 8-wire	DDL-0J08-G0M1XB6	2117842
0.58 m	DDL-1J08-G0M6X	2073917

- **Connection type head A:** female connector, stranded wire, 8-pin, straight
- **Connection type head B:** female connector, stranded wire, 8-pin
- **Signal type:** sHub

Cable	Description	Type	Part no.
0.1 m, 8-wire, twisted pair	sHub, unshielded	DDL-1J08-G0M1XC2	2115196

- **Connection type head A:** female connector, M8
- **Connection type head B:** female connector, D-Sub
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
2 m	Sensor/actuator cable	DDL-8F04-G02M	6044005

- **Connection type head A:** female connector, M26, 7-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, PVC	DOL-0607G10M075KM0	2023996
20 m, PVC	DOL-0607G20M075KM0	2023998
30 m, PVC	DOL-0607G30M075KM0	2023999
5 m, PVC	DOL-0607G05M075KM0	2023994

- **Connection type head A:** female connector, M26, 7-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Type	Part no.
2.5 m, PVC	Unshielded	Flying leads	DOL-0607G2M5075KM0	2023993

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Type	Part no.
7.5 m, PVC	Unshielded	Flying leads	Without EFI: Pin 9 and 10 not connected	DOL-0610G7M5075KM5	2044042

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
10 m, 3-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0803-G10MCS01	6033869
1 m, 3-wire, PUR, halogen-free		DOL-0803-G01MC	6036455
2 m, 3-wire, PUR, halogen-free		DOL-0803-G02MCS01	6033868
3 m, 3-wire, PUR, halogen-free		DOL-0803-G03MC	6038991
5 m, 3-wire, PP	Hygienic and washdown zones, Drag chain operation	DOL-0803-G05MN	6033665
5 m, 3-wire, PVC	Zones with chemicals	DOL-0803-G05M	6022009

- **Connection type head A:** female connector, M8, 3-pin
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
2 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-0803-L02MC	6039080

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** Flying leads
- **Connection systems:** Flying leads

Cable	Description	Note	Application	Type	Part no.
10 m, 4-wire	Shielded	For external ICL ring illuminations and dark field light	–	Connecting cable for ICL illumination	6030683
10 m, 4-wire, PUR, halogen-free	Shielded	–	Zones with oils and lubricants, Drag chain operation	DOL-0804-G10MAC	6050808
	Unshielded	–		DOL-0804-G10MC	6025896
15 m, 4-wire, PUR, halogen-free	Unshielded	–		DOL-0804-G15MC	6038622
15 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G15M	6035232
2.5 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G2M5	6049344
20 m, 4-wire, PUR, halogen-free	Unshielded	–	Zones with oils and lubricants, Drag chain operation	DOL-0804-G20MC	6051148
20 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G20M	6029109
25 m, 4-wire, PP	Unshielded	–	Hygienic and washdown zones, Drag chain operation	DOL-0804-G25MN	6034514

Cable	Description	Note	Application	Type	Part no.
2 m, 4-wire	Shielded	For external ICL ring illuminations and dark field light	–	Connecting cable for ICL illumination	6030681
2 m, 4-wire, PP	Unshielded	–	Hygienic and wash-down zones	DOL-0804-G02MN	6033670
2 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G02M	6009870
30 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G30M	6029110
3 m, 4-wire, PVC	Unshielded	–	Zones with chemicals	DOL-0804-G03M	6049342
50 m, 4-wire, PVC	Unshielded	–	Zones with chemicals, Drag chain operation	DOL-0804-G50M	6029111
5 m, 4-wire	Shielded	For external ICL ring illuminations and dark field light	–	Connecting cable for ICL illumination	6030682
5 m, 4-wire, PP	Unshielded	–	Hygienic and wash-down zones	DOL-0804-G05MN	6033671
5 m, 4-wire, PUR, halogen-free	Shielded	–	Zones with oils and lubricants, Drag chain operation	DOL-0804-G05MAC	6050809
	Unshielded	–		DOL-0804-G05MC	6025895

- **Connection type head A:** female connector, M8, 4-pin, angled
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
10 m, 4-wire, PP	Hygienic and washdown zones, Drag chain operation	DOL-0804-W10MN	6033675
10 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0804-W10MCS01	6033871
		DOL-0804-W10MC	6025899
10 m, 4-wire, PVC	Zones with chemicals	DOL-0804-W10M	6010755
25 m, 4-wire, PP	Hygienic and washdown zones, Drag chain operation	DOL-0804-W25MN	6034515
2 m, 4-wire, PP	Hygienic and washdown zones	DOL-0804-W02MN	6033673
2 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0804-W02MC	6025897
2 m, 4-wire, PVC	Zones with chemicals	DOL-0804-W02M	6009871
5 m, 4-wire, PP	Hygienic and washdown zones, Drag chain operation	DOL-0804-W05MN	6033674
5 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-0804-W05MCS01	6033870
		DOL-0804-W05MC	6025898
5 m, 4-wire, PVC	Zones with chemicals	DOL-0804-W05M	6009873

- **Connection type head A:** female connector, stranded wire, 2-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE DSL®

Cable	Description	Type	Part no.
0.2 m, 2-wire	HIPERFACE DSL®, twisted, unshielded	DOL-0B02-G0M2XC1	2062083
0.3 m, 2-wire	HIPERFACE DSL®, twisted, shielded	DOL-0B02-G0M2XS09	2092832
	HIPERFACE DSL®, twisted, unshielded	DOL-0B02-G0M3XC1	2091818
0.4 m, 2-wire	HIPERFACE DSL®, twisted, unshielded	DOL-0B02-G0M4XC1	2086286

- **Connection type head A:** female connector, stranded wire, 2-pin, straight
- **Connection type head B:** 2 crimp contacts + 1 crimp contact for shield support
- **Signal type:** HIPERFACE DSL®
- **Description:** HIPERFACE DSL®, twisted, shielded
- **Note:** operating temperature

Cable	Type	Part no.
210 mm, 2-wire	DOL-0B02-G0M2XS01	2104098
370 mm, 2-wire	DOL-0B02-G0M2XS05	2110386

- **Connection type head A:** female connector, stranded wire, 2-pin, straight
- **Connection type head B:** Intercontec data element
- **Signal type:** HIPERFACE DSL®
- **Description:** HIPERFACE DSL®, twisted, shielded
- **Note:** operating temperature

Cable	Type	Part no.
260 mm, 2-wire	DOL-0B02-G0M2XS02	2104097
370 mm, 2-wire	DOL-0B02-G0M2XS04	2108599

- **Connection type head A:** female connector, stranded wire, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE DSL®

Cable	Description	Note	Type	Part no.
0.2 m, 2-wire	HIPERFACE DSL®, unshielded	–	DOL-0B02-G0M2XC2	2079920
0.36 m, 2-wire	HIPERFACE DSL®, twisted, shielded	–	DOL-0B02-G0M3AC2	2108944
0.43 m, 2-wire	HIPERFACE DSL®, shielded	Non-isolated drain wire	DOL-0B03-G0M4XC1	2087314

- **Connection type head A:** female connector, stranded wire, 3-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE DSL®

Cable	Description	Note	Type	Part no.
0.3 m, 2-wire	HIPERFACE DSL®, shielded	Non-isolated drain wire	DOL-0B03-G0M3XC1	2092941

- **Connection type head A:** female connector, stranded wire, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Description:** HIPERFACE®, unshielded

Cable	Type	Part no.
0.2 m, 4-wire	DOL-0B04-G0M2XS10	2140378
	DOL-0B04-G0M2XC1	2058333
0.4 m, 4-wire	DOL-0B04-G0M4XC1	2076293

- **Connection type head A:** female connector, stranded wire, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Description:** HIPERFACE®, unshielded

Cable	Type	Part no.
0.2 m, 8-wire	DOL-0B08-G0M2XB1	2031081
0.4 m, 8-wire	DOL-0B08-G0M4XB1	2031083
0.5 m, 8-wire	DOL-0B08-G0M5XB1	2069859

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
0.25 m, 8-wire	HIPERFACE®, unshielded	DOL-0J08-G0M2XB6S10	2114221
0.2 m, 8-wire	HIPERFACE®, unshielded	DOL-0J08-G0M2XB6S4	2087024
		DOL-0J08-G0M2XB9	2048441
		DOL-0J08-G0M2XS12	2112883
		DOL-0J08-G0M2XS13	2112900
		DOL-0J08-G0M5AB6	2124447
		DOL-0J08-G0M2XB6	2031086
0.3 m, 8-wire	HIPERFACE®, unshielded	DOL-0J08-G0M3XB6	2050207
0.5 m, 8-wire	HIPERFACE®, shielded	DOL-0J08-G0M5XB6	2056250
125 mm, 8-wire	HIPERFACE®, unshielded	DOL-0J08-G0M2XS14	2125561



- **Connection type head A:** female connector, JST, 8-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
0.5 m, 8-wire	HIPERFACE®, shielded	DOL-0J08-G0M5XC3	2089521

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Items supplied:** JST including sealing

Cable	Description	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	HIPERFACE®, shielded	DOL-0J08G1M5AA4	2062641

- **Connection type head A:** female connector, M12, 3-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Note	Type	Part no.
15 m, 3-wire, PUR, halogen-free	–	DOL-1203-W15MC	6036753
2 m, 3-wire, PUR, halogen-free	–	DOL-1203-W02MC	6039078
	Only suitable for PNP sensors	DOL-1203-L02MC	6041318

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
10 m	Unshielded	–	–	DOL-1204G10M025KM2	6050415
10 m, 4-wire, PUR, halogen-free	Welding spark resistant, shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G10MAC	6041797
	Unshielded	Flying leads	Drag chain operation	YF2Z14-100XXXXLEAX	6027559
				DOL-1204-G10MC	6025902
10 m, 4-wire, PVC	Unshielded	Flying leads	Hygienic and washdown zones, Drag chain operation	DOL-1204-G10MN	6028132
			Zones with chemicals	DOL-1204-G10M	6010543
15 m, 4-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G15MC	6034749
15 m, 4-wire, PVC	Unshielded	Flying leads	Zones with chemicals	DOL-1204-G15M	6010753
20 m, 4-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G20MC	6034750

Cable	Description	Connection systems	Application	Type	Part no.
20 m, 4-wire, PVC	Unshielded	Flying leads	Zones with chemicals	DOL-1204-G20M	6034401
25 m, 4-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G25MC	6034751
25 m, 4-wire, PVC	Unshielded	Flying leads	Hygienic and washdown zones, Drag chain operation	DOL-1204-G25MN	6028134
2 m	Unshielded	–	–	DOL-1204G02M025KM2	6050413
2 m, 4-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G02MC	6025900
2 m, 4-wire, PVC	Unshielded	Flying leads	Hygienic and washdown zones, Drag chain operation	DOL-1204-G02MN	6028128
5 m	Unshielded	–	–	DOL-1204G05M025KM2	6050414
5 m, 4-wire	Shielded	Flying leads	–	DOL-1204-G05MA	6042100
5 m, 4-wire, PUR, halogen-free	Shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G05MAC	6038621
	Unshielded	Flying leads		DOL-1204-G05MC	6025901
5 m, 4-wire, PVC	Unshielded	Flying leads	Hygienic and washdown zones, Drag chain operation	DOL-1204-G05MN	6028130
			Zones with chemicals	DOL-1204-G05M	6009866

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
2 m, 4-wire, PUR, halogen-free	Shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1204-G02MAC	2088079

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-100UJ2XLEAX	2116486
20 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	DOL-1204-G20MAC	2088080
	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-200UJ2XLEAX	2116487

- **Connection type head A:** female connector, M12, 4-pin
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-1204-L10MC	6039088
10 m, 4-wire, PVC	Hygienic and washdown zones, Drag chain operation	DOL-1204-L10MN	6028138
	Zones with chemicals	DOL-1204-L10M	6027946
25 m, 4-wire, PVC	Hygienic and washdown zones, Drag chain operation	DOL-1204-L25MN	6028139
2 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-1204-L02MC	6039086
2 m, 4-wire, PVC	Hygienic and washdown zones, Drag chain operation	DOL-1204-L02MN	6028136
	Zones with chemicals	DOL-1204-L02M	6027945
5 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-1204-L05MC	6020398
5 m, 4-wire, PVC	Hygienic and washdown zones, Drag chain operation	DOL-1204-L05MN	6028137
	Zones with chemicals	DOL-1204-L05M	6027944

- **Connection type head A:** female connector, M12, 4-pin
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Flying leads	DOL-1204-L10MCS01	6037522

- **Connection type head A:** female connector, M12, 5-pin
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Type	Part no.
2 m, 3-wire	DOL-1205-G02MCS02	6032912
5 m, 3-wire	DOL-1205-G05MCS02	6032911

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 5-wire, PUR, halogen-free	Shielded	Flying leads	Zones with oils and lubricants	DOL-1205-G10MAC	6036385
	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G10MC	6025908
10 m, 5-wire, PVC	Unshielded	Flying leads	Hygienic and wash-down zones	DOL-1205-G10MN	6028142
			Zones with chemicals	DOL-1205-G10M	6010544
15 m, 5-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G15MC	6051946
15 m, 5-wire, PVC	Unshielded	Flying leads	Zones with chemicals	DOL-1205-G15M	6029215
20 m, 5-wire, PUR, halogen-free	Shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G20MAC	6036386
	Unshielded	Flying leads		DOL-1205-G20MC	6050247
25 m, 5-wire, PVC	Unshielded	Flying leads	Hygienic and wash-down zones	DOL-1205-G25MN	6028143
2 m, 5-wire, PVC	Unshielded	Flying leads	Hygienic and wash-down zones	DOL-1205-G02MN	6028140
30 m	Unshielded	–	–	Connecting cable	6032956

Cable	Description	Connection systems	Application	Type	Part no.
30 m, 5-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G30MC	6050248
5 m, 5-wire, PUR, halogen-free	Unshielded	Flying leads		DOL-1205-G05MC	6025907
5 m, 5-wire, PVC	Unshielded	Flying leads	Hygienic and wash-down zones	DOL-1205-G05MN	6028141
9 m, 5-wire, PUR, halogen-free	Unshielded	–	Zones with oils and lubricants, Drag chain operation	DOL-1205-G09MC	6037154

- **Connection type head A:** female connector, M12, 5-pin, straight, B-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFIBUS DP

Cable	Description	Connection systems	Application	Type	Part no.
20 m, 2-wire, PUR, halogen-free	PROFIBUS DP, twisted pair, shielded	Flying leads	Zones with oils and lubricants	DOL-1205-G20MQ	6032638

- **Connection type head A:** female connector, M12, 5-pin, angled
- **Connection type head B:** Flying leads
- **Connection systems:** Flying leads

Cable	Description	Application	Type	Part no.
10 m, 5-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1205-W10MC	6025911
10 m, 5-wire, PVC	Unshielded	Zones with chemicals	DOL-1205-W10M	6010542
20 m, 5-wire, PUR, halogen-free	Shielded	Zones with oils and lubricants, Drag chain operation	DOL-1205-W20MAC	6060127
2 m, 5-wire, PVC	Unshielded	Zones with chemicals	DOL-1205-W02M	6008900
5 m, 5-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1205-W05MC	6025910
5 m, 5-wire, PVC	Unshielded	Zones with chemicals	DOL-1205-W05M	6009869

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin
- **Signal type:** Incremental, SSI

Cable	Description	Type	Part no.
2 m, 4-wire, PUR, halogen-free	Incremental, shielded SSI	DOL-1208-G02MAS02	2132231

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Incremental, SSI

Cable	Description	Connection systems	Type	Part no.
2 m, 8-wire, PUR, halogen-free	Incremental, shielded SSI	Flying leads	DOL-1208-G02MIE1	2120313

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12

Cable	Description	Connection systems	Type	Part no.
3 m, 8-wire, PUR, halogen-free	Male connector, M12, 6044892, on cable end, shielded	Flying leads	DOL-1208-G0300S13	2108248

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Power, digital I/Os

Cable	Description	Connection systems	Type	Part no.
5 m, 8-wire, flexible, PUR, halogen-free	Power, shielded Digital I/Os	Flying leads	DOL-1208-G05MACR	6037517

- **Connection type head A:** female connector
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
10 m, PUR, halogen-free	Shielded	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1208-G10MAC	6038832

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Type	Part no.
10 m, 8-wire, PUR, halogen-free	Shielded	Flying leads	DOL-127SW10ME25KM0	6035566
	Unshielded	–	DOL-1208-W10MC	6035625
15 m, PUR, halogen-free	Shielded	Flying leads	DOL-127SW15ME25KM0	6021343
2 m, 8-wire, PUR, halogen-free	Unshielded	–	DOL-1208-W02MC	6035623
2 m, 8-wire, PVC	Shielded	Flying leads	DOL-1208-W02MA	6020992
5 m, 8-wire, PUR	Unshielded	–	DOL-1208-W05MC	6035624
5 m, 8-wire, PVC	Shielded	Flying leads	DOL-1208-W05MA	6021033
5 m, PUR, halogen-free	Shielded	Flying leads	DOL-127SW05ME25KM0	6021342

Cable	Description	Connection systems	Type	Part no.
7.5 m, 8-wire, PUR, halogen-free	Shielded	Flying leads	DOL-127SW7M5E25KM0	6034783

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	DOL-127SG10ME25KM0	2076543
10 m, 8-wire	Sensor/actuator cable, unshielded	–	Drag chain operation, Robot	YF2AP8-100PA4XLEAX	2146858
20 m, 8-wire	Sensor/actuator cable, unshielded	–	Drag chain operation, Robot	YF2AP8-200PA4XLEAX	2146859
2 m, 8-wire	Sensor/actuator cable, unshielded	–	Drag chain operation, Robot	YF2AP8-020PA4XLEAX	2111888
40 m, 8-wire	Sensor/actuator cable, unshielded	–	Drag chain operation, Robot	YF2AP8-400PA4XLEAX	2146860

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, 7-wire, PUR, halogen-free	DOL-127SW10ME25KM0	2076550
15 m, 7-wire, PUR, halogen-free	DOL-127SW15ME25KM0	2076551
2 m, 8-wire, PUR, halogen-free	DOL-1208-W02MAS01	6029224
5 m, 7-wire, PUR, halogen-free	DOL-127SW05ME25KM0	2076548
7.5 m, 7-wire, PUR, halogen-free	DOL-127SW7M5E25KM0	2076549

- **Connection type head A:** female connector, 6-pin, angled, DC-coded
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
10 m, PVC	Unshielded	DOL-1306-10M	2009480

- **Connection type head A:** 6-pin
- **Description:** unshielded

Cable	Type	Part no.
10 m, PVC	DOL-1406-10M	2009119
2 m, PVC	DOL-1406-02M	2009116

Cable	Type	Part no.
3 m, PVC	DOL-1406-03M	2009117
5.5 m, PVC	DOL-1406-05M5	2009118

- **Connection type head A:** female connector, 7/8", 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Type	Part no.
5 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Flying leads	DOL-7805G05M075KM0	6033568

- **Connection type head A:** stranded wire, 6-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** BiSS C
- **Items supplied:** 1 pieces

Cable	Description	Type	Part no.
0.2 m, 6-wire	BiSS C, unshielded	DOL-MK-S01	2139317

- **Connection type head A:** stranded wire, 6-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** BiSS C
- **Items supplied:** 10 pieces

Cable	Description	Type	Part no.
0.2 m, 6-wire	BiSS C, unshielded	DOL-MK-S02	2139721

- **Connection type head A:** stranded wire, 6-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** BiSS C
- **Items supplied:** 40 pieces

Cable	Description	Type	Part no.
0.2 m, 6-wire	BiSS C, unshielded	DOL-MK-S03	2139722

- **Connection type head A:** female connector, MS/06, 6-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Type	Part no.
1.5 m, 11-wire	DOL-MS06-G1M5MA2	7102137
10 m, 11-wire	DOL-MS06-G10MMA2	7102140
20 m, 11-wire	DOL-MS06-G20MMA2	7102141
30 m, 11-wire	DOL-MS06-G30MMA2	7102142
3 m, 11-wire	DOL-MS06-G03MMA2	7102138
5 m, 11-wire	DOL-MS06-G05MMA2	7102139



- **Connection type head A:** female connector, MS/07, 7-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Type	Part no.
1.5 m, 11-wire	DOL-MS07-G1M5MA2	7102144
10 m, 11-wire	DOL-MS07-G10MMA2	7102147
20 m, 11-wire	DOL-MS07-G20MMA2	7102148
30 m, 11-wire	DOL-MS07-G30MMA2	7102149
3 m, 11-wire	DOL-MS07-G03MMA2	7102145
5 m, 11-wire	DOL-MS07-G05MMA2	7102146

- **Connection type head A:** female connector, MS/10, 10-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Type	Part no.
1.5 m, 11-wire	DOL-MS10-G1M5MA2	7102130
1.5 m, 8-wire	DOL-MS10-G1M5MA3	7102160
10 m, 11-wire	DOL-MS10-G10MMA2	7102133
10 m, 8-wire	DOL-MS10-G10MMA3	7102163
20 m, 11-wire	DOL-MS10-G20MMA2	7102134
20 m, 8-wire	DOL-MS10-G20MMA3	7102164
30 m, 11-wire	DOL-MS10-G30MMA2	7102135
30 m, 8-wire	DOL-MS10-G30MMA3	7102165
3 m, 11-wire	DOL-MS10-G03MMA2	7102131
3 m, 8-wire	DOL-MS10-G03MMA3	7102161
5 m, 11-wire	DOL-MS10-G05MMA2	7102132
5 m, 8-wire	DOL-MS10-G05MMA3	7102162

- **Connection type head A:** female connector, M12, 4-pin, angled

Type	Part no.
DOS-1204-WG	6007306

- **Connection type head A:** female connector, M26, 12-pin, angled
- **Connection type head B:** male connector, M26, 12-pin, straight

Cable	Description	Type	Part no.
2.5 m, 12-wire, PVC	Unshielded	DSL-0612B2M5075KMO	2022289

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** male connector, M8, 3-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
1 m, 3-wire, PUR, halogen-free	DSL-0803-G01M	6034815
2.5 m, 3-wire, PUR, halogen-free	DSL-0803-G2M5C	6035951
2 m, 3-wire, PUR, halogen-free	DSL-0803-G02MC	6029406

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** male connector, M8, 3-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.3 m, 3-wire, PUR, halogen-free	DSL-0803-G0M3C	6029403
0.5 m, 3-wire, PUR, halogen-free	DSL-0803-G0M5C	6035950
0.6 m, 3-wire, PUR, halogen-free	DSL-0803-G0M6C	6029404
1.5 m, 3-wire, PUR, halogen-free	DSL-0803-G1M5C	6037695
10 m, 3-wire, PUR, halogen-free	DSL-0803-G10MC	6032731
1 m, 3-wire, PUR, halogen-free	DSL-0803-G01MC	6029405
20 m, 3-wire, PUR, halogen-free	DSL-0803-G20MC	6035805
3 m, 3-wire, PUR, halogen-free	DSL-0803-G03MC	6037696
5 m, 3-wire, PUR, halogen-free	DSL-0803-G05MC	6032730

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** male connector, M8, 4-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Zones with chemicals	DSL-0804-G02M	6034665

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** male connector, M8, 4-pin, straight

Cable	Description	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-0804-G0M6C	6039089
0.6 m, 4-wire, PVC	Unshielded	Zones with chemicals	DSL-0804-G0M6	6034664
1.5 m, 4-wire, PVC	Unshielded	Zones with chemicals	DSL-0804-G1M5	6042050
2 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-0804-G02MC	6036335
2 m, PUR	–	–	DSL-0804-G02MB	6059742
5 m	–	–	DSL-0804-G05M	6059744

Cable	Description	Application	Type	Part no.
5 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-0804-G05MC	6039090

- **Connection type head A:** female connector, M8, 4-pin
- **Connection type head B:** male connector, M8, 4-pin, straight

Cable	Description	Application	Type	Part no.
3 m, 4-wire, PVC	Unshielded	Zones with chemicals	DSL-0804-G03M	6051283

- **Connection type head A:** female connector, M8, 4-pin
- **Connection type head B:** male connector, M8, 4-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
2.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Zones with chemicals, Drag chain operation	DSL-0804-G2M5	6051282

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** female connector, JST, 4-pin, straight
- **Signal type:** HIPERFACE DSL<sup>®</sup>

Cable	Description	Type	Part no.
1 m	HIPERFACE DSL <sup>®</sup> , shielded	DSL-1202-G01MA	2061361

- **Connection type head A:** female connector, M12, 3-pin, angled
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Note	Type	Part no.
0.6 m, PUR, halogen-free	–	DSL-1203-B0M6C	6025924
1 m, 3-wire, PUR, halogen-free	Pin 2 (connector) not connected	DSL-1203B01MC34KM1	6026106
2 m, 3-wire, PUR, halogen-free	Pin 2 (connector) not connected	DSL-1203B02MC34KM1	6026107
5 m, 3-wire, PUR, halogen-free	Pin 2 (connector) not connected	DSL-1203B05MC34KM2	6025118

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Type	Part no.
0.6 m, PVC	DSL-1203-G0M6	6022564
2 m, PVC	DSL-1203-G02M	6022566
5 m, PVC	DSL-1203-G05M	6022568

- **Connection type head A:** female connector, M12, 3-pin, straight
- **Connection type head B:** male connector, M12, 3-pin, straight

Cable	Description	Type	Part no.
5 m, PUR, halogen-free	Unshielded	DSL-1203-G05MC	6039177

- **Connection type head A:** female connector, M12, 4-pin, angled
- **Connection type head B:** male connector, M12, 4-pin, straight

Cable	Description	Application	Type	Part no.
0.6 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Robot	DSL-1204-B0M6N	6028197
1 m, 3-wire, PUR	Drag chain use, unshielded	Zones with chemicals, Zones with oils and lubricants	YG2A14-010S01M2A13	2105151
1 m, PUR, halogen-free	–	–	DSL-1204B01MC34KM0	6025974
2 m, 3-wire, PUR	Drag chain use, unshielded	Zones with chemicals, Zones with oils and lubricants	YG2A14-020S01M2A13	2105152
2 m, 4-wire, PVC	Unshielded	Hygienic and washdown zones	DSL-1204-B02MN	6028198
2 m, PUR, halogen-free	–	–	DSL-1204B02MC34KM0	6025975
	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-1204-B02MC	6025929
5 m, 3-wire, PUR	Drag chain use, unshielded	Zones with chemicals, Zones with oils and lubricants	YG2A14-050S01M2A13	2105153
5 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Robot	DSL-1204-B05MN	6028199
5 m, PUR, halogen-free	–	–	DSL-1204B05MC34KM1	6025087
	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-1204-B05MC	6037134

- **Connection type head A:** female connector, M12, 4-pin, angled
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Note	Type	Part no.
1 m, 3-wire, PUR, halogen-free	Pin 4 (connector) rotated to pin 2 (female connector), pin 2 (connector) not connected	DSL-1204B01MC34KM2	6025944
2 m, 3-wire, PUR, halogen-free		DSL-1204B02MC34KM2	6025945
2 m, PUR, halogen-free	–	DSL-1203-B02MC	6025925
5 m, 3-wire, PUR, halogen-free	Pin 4 (connector) rotated to pin 2 (female connector), pin 2 (connector) not connected	DSL-1204B05MC34KM2	6025116

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Description:** unshielded

Cable	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1204-G0M6C	6025926
0.6 m, 4-wire, PVC	–	DSL-1204-G0M6	6022565
	Hygienic and washdown zones	DSL-1204-G0M6N	6028194
1.5 m, 4-wire, PVC	–	DSL-1204-G1M5	6034822
10 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1204-G10MC	6033698
1 m, 4-wire, PUR, halogen-free		DSL-1204-G01MC	6033244
20 m, 4-wire, PVC	–	DSL-1204-G20M	6034407
2 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1204-G02MC	6025927
2 m, 4-wire, PVC	–	DSL-1204-G02M	6022567
	Hygienic and washdown zones, Drag chain operation	DSL-1204-G02MN	6028195
5 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1204-G05MC	6033245
5 m, 4-wire, PVC	–	DSL-1204-G05M	6022569
	Hygienic and washdown zones, Drag chain operation	DSL-1204-G05MN	6028196

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
0.2 m, 4-wire	Sensor/actuator cable	DSL-1204G0M2C34KM0	6051998
10 m, 4-wire, PVC	Sensor/actuator cable, unshielded	DSL-1204-G10M	6034406

- **Connection type head A:** female connector, M12, 5-pin, angled
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Note	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	–	DSL-1205-B0M6C	6029283
1.5 m, 5-wire, PUR, halogen-free	Connection of M4000 Advanced with UE403	DSL-1205-B1M5C	6029286
1 m, 5-wire, PUR, halogen-free	Connection of M4000 Advanced with UE403	DSL-1205-B01MC	6029284
5 m, 5-wire, PUR, halogen-free	Connection of M4000 Advanced with UE403	DSL-1205-B05MC	6029288

- **Connection type head A:** female connector, M12, 5-pin, angled
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** Sensor/actuator cable, I/O

Cable	Description	Note	Application	Type	Part no.
2 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded I/O	Connection of M4000 Advanced with UE403	Zones with oils and lubricants, Drag chain operation	DSL-1205-B02MC	6029287

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Type	Part no.
1 m, PVC	DSL-1205G01M025KM0	2077088
3 m, PVC	DSL-1205G03M025KM0	2077089
5 m, PVC	DSL-1205G05M025KM0	2077090

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Description:** unshielded

Cable	Application	Type	Part no.
0.15 m, 5-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1205-G0M15C	6060448
0.6 m, 5-wire, PUR, halogen-free		DSL-1205-G0M6C	6025930
1.5 m, 5-wire, PUR, halogen-free		DSL-1205-G1M5C	6029281
1 m	–	DSL-1205G01M025KM2	6050416
30 m, 5-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-1205-G30MC	6051945
3 m	–	DSL-1205G03M025KM2	6050417
4 m, 5-wire, PUR, halogen-free	–	DSL-1205-G04MK	6030737
5 m	–	DSL-1205G05M025KM2	6050418

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** digital I/Os
- **Description:** digital I/Os, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 5-wire, PUR, halogen-free	DSL-1205-G10MC	6038954
1 m, 5-wire, PUR, halogen-free	DSL-1205-G01MC	6029280
20 m, 5-wire, PUR, halogen-free	DSL-1205-G20MC	6038957
2 m, 5-wire, PUR, halogen-free	DSL-1205-G02MC	6025931
5 m, 5-wire, PUR, halogen-free	DSL-1205-G05MC	6029282

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** CANopen, DeviceNet™

Cable	Description	Note	Type	Part no.
2 m, 5-wire, PUR, halogen-free	CANopen, shielded DeviceNet™	A-coded	DSL-1205-G02MY	6053044

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.25 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SGM25E25KM0	2076626
0.5 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SG0M5E25KM0	2076627
1.5 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SG1M5E25KM0	2076629
1.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation	DSL-1208-G1M5C	6051941
1 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SG01ME25KM0	2076628
20 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SG20ME25KM0	2078579
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation	DSL-1208-G02MC	6051942
3 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	DSL-127SG03ME25KM0	2076630

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, angled

Cable	Description	Type	Part no.
1 m, 8-wire, PUR, halogen-free	Shielded	DSL-127SA01ME25KM0	6030974

- **Connection type head A:** female connector, M12, 8-pin, straight, 8-pin
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Description	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	Shielded	DSL-127SG1M5E25KM0	6021003

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Description	Application	Type	Part no.
0.6 m, 5-wire, PVC	Unshielded	Zones with chemicals, Zones with oils and lubricants	DSL-1285G0M6034KM5	2111996

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Application	Type	Part no.
0.25 m, 5-wire, PVC	Unshielded	Zones with chemicals	DSL-1285GM25034KM1	2070987

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Application	Type	Part no.
0.25 m, 5-wire, PUR	Drag chain use, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	DSL-1285GM25D25KM5	2116273

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Items supplied:** 1 pieces
- **Cable:** 0.25 m, PUR
- **Description:** drag chain use, unshielded
- **Application:** Zones with oils and lubricants

Type	Part no.
DSL-1M08G0M2D25KM4	2120145
DSL-1M08GM25D25KM4	2120144

- **Connection type head A:** female connector, DUBOX, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	DSL-2317-G01MJB1	2071326

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	DSL-2317-G01MJB2	2071328

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	DSL-2317-G01MJB6	2071327



- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** Incremental

Cable	Description	Type	Part no.
1 m, 8-wire	Incremental, unshielded	DSL-2317-G01MJB7	2071332

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	DSL-2317-G01MJC1	2071329

- **Connection type head A:** female connector, terminal box, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	DSL-2317-G01MJC6	2071330

- **Connection type head A:** female connector, terminal box, 8-pin, straight
- **Connection type head B:** male connector, M23, 17-pin, straight
- **Signal type:** Incremental

Cable	Description	Type	Part no.
1 m, 8-wire	Incremental, unshielded	DSL-2317-G01MJC7	2071331

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M8, 3-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	DSL-2803-G0M6C	6039183
2 m, 3-wire, PUR, halogen-free	DSL-2803-G02MC	6039184

- **Connection type head A:** female connector, M12, 3-pin, straight
- **Connection type head B:** male connector, M8, 3-pin, straight

Cable	Description	Application	Type	Part no.
5 m, 3-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-2803-G05MC	6028664

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M8, 4-pin

Cable	Description	Type	Part no.
2 m, PUR	Highly flexible	DSL-2804-G02MB	6059743

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M8, 4-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	DSL-2804-G0M6C	6037595
2 m, 4-wire, PUR, halogen-free	DSL-2804-G02MC	6039180
5 m, 4-wire, PUR, halogen-free	DSL-2804-G05MC	6039091

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** SSI + incremental, SSI + Sin/Cos, Incremental

Cable	Description	Note	Type	Part no.
0.5 m, 12-wire	SSI + incremental, shielded SSI + Sin/Cos Incremental	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-2D12-G0M5AC4	2088790

- **Connection type head A:** female connector, M16, 12-pin, straight, A-coded
- **Connection type head B:** male connector, SUB-D, 15-pin, straight

Cable	Description	Note	Type	Part no.
10 m, 12-wire, PUR	Shielded	IP65/IP68/IP69K	DSL-2D15-W10MACS01	6048589

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Application	Type	Part no.
0.25 m, PUR, halogen-free	Unshielded	Zones with oils and lubricants	DSL-6108GM25034KM1	2034865

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M26, 12-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.
- **Cable:** 0.25 m, PUR, halogen-free
- **Description:** unshielded
- **Application:** Zones with oils and lubricants

Type	Part no.
DSL-6129GM25034KM1	2081442
DSL-6129GM25034KM7	2112706

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M26, 7-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Application	Type	Part no.
0.25 m, PUR, halogen-free	Unshielded	Zones with oils and lubricants	DSL-6130GM25034KM1	2081443

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight

Cable	Description	Type	Part no.
1 m, PUR, halogen-free	–	DSL-6182G01M034KM1	2072829
2 m, 5-wire, PUR	Drag chain use, unshielded	DSL-6182G02M034KM1	2075967
5 m, 5-wire, PUR, halogen-free	Unshielded	DSL-6182G05MC34KM0	2030365

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M26, 12-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Type	Part no.
0.25 m, PVC	Unshielded	DSL-6182GM25034KM1	2070989

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M26, 7-pin, straight
- **Items supplied:** Packaging unit: 2 pcs.

Cable	Description	Type	Part no.
0.25 m, PVC	Unshielded	DSL-6187GM25034KM1	2070988

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Description:** unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-8203-G0M6C	6025914
0.6 m, 3-wire, PVC	Zones with chemicals	DSL-8203-G0M6	6022570
2 m, 3-wire, PVC	Zones with chemicals	DSL-8203-G02M	6022572
5 m, 3-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-8203-G05MC	6030608
5 m, 3-wire, PVC	Zones with chemicals	DSL-8203-G05M	6027943

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Description:** unshielded

Cable	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DSL-8204-G0M6C	6025918
0.6 m, 4-wire, PVC	Zones with chemicals	DSL-8204-G0M6	6022571
10 m, 4-wire, PVC	Zones with chemicals	DSL-8204-G10M	6034404
20 m, 4-wire, PVC	Zones with chemicals	DSL-8204-G20M	6034405
2 m, 4-wire, PVC	Zones with chemicals	DSL-8204-G02M	6022573
5 m, 4-wire, PVC	Zones with chemicals	DSL-8204-G05M	6034403

- **Connection type head A:** female connector, M8, 4-pin
- **Connection type head B:** female connector, M8, 4-pin

Cable	Type	Part no.
PVC	DSL-8L04-2-130	6029887

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** female connector, HRS, 6-pin, straight

Cable	Description	Type	Part no.
2 m	Unshielded	DSL-DH06-G02M	6029801

- **Connection type head A:** female connector, HRS, 6-pin, straight
- **Connection type head B:** male connector, HRS, 6-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
3 m	Sensor/actuator cable, unshielded	DSL-SH06-G03M	6028659

- **Connection type head A:** male connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** digital I/Os, RS-422
- **Description:** digital I/Os, unshielded, RS-422

Cable	Type	Part no.
2 m	Encoder I/O cable, angled	4052944
5 m	Encoder I/O cable, angled	4052963

- **Connection type head A:** female connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** female connector, M12, 8-pin, straight

Cable	Description	Note	Type	Part no.
0.85 m	Shielded	The connection cable is designed for the use of sine-cosine encoders. If other encoders are used, other protective measures must be taken in the event of cable breakage or a male connector coming loose.	FX3-MOC Y-CABLE	2071072

- **Connection type head A:** female connector, Micro 1/2"-20, 4-pin, straight
- **Connection type head B:** male connector, safety plug, 4-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
2 m, 3-wire, TPU	Sensor/actuator cable	KA14-SGF22EWP	6050703

- **Connection type head A:** female connector, Micro 1/2"-20, 4-pin, straight
- **Connection type head B:** male connector, NEMA 6, 3-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
2 m, 3-wire, TPU	Sensor/actuator cable	KA14-SGF22MWP	6048721

- **Connection type head A:** Flying leads, 3-pin
- **Connection type head B:** Flying leads, 3-pin

Cable	Description	Type	Part no.
10 m, 6-wire, Special polyolefin copolymer	Halogen free, flame resistant, largely oil and UV resistant, shielded Galvanized copper braiding, opt. density approx. 85%	Connection cable	2076483
20 m, 6-wire, Special polyolefin copolymer		Connection cable	2076484
2 m, 6-wire, PUR, halogen-free	–	Cable	2066792
2 m, 6-wire, Special polyolefin copolymer	Halogen free, flame resistant, largely oil and UV resistant, shielded Galvanized copper braiding, opt. density approx. 85%	Connection cable	2076481
5 m, 6-wire, PUR, halogen-free	Ferrule	Cable	2066793
5 m, 6-wire, Special polyolefin copolymer	Halogen free, flame resistant, largely oil and UV resistant, shielded Galvanized copper braiding, opt. density approx. 85%	Connection cable	2076482

- **Connection type head A:** ferrule, 3-pin
- **Connection type head B:** ferrule, 3-pin

Cable	Type	Part no.
0.5 m, 6-wire, PUR, halogen-free	Cable	2066791

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
–	Halogen free, flame resistant, largely oil and UV resistant	Cable for test and reference gas	6065207
3-wire, shielded, PUR		Connection cable [ATEX / IECEx]	6070579
4-wire, AWG16, PVC	Unshielded	Connection cable	6030757
9-wire, shielded, PUR	Halogen free, flame resistant, largely oil and UV resistant	Connection cable [ATEX / IECEx]	6070572
		Reinforced connection cable [ATEX / IECEx]	6070573

- **Connection type head A:** female connector, round plug, 4-pin
- **Connection type head B:** 4-pin
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 4-wire	Cable, round, 4 x 0.5, 10 m	2045417
20 m, 4-wire	Cable, round, 4 x 0.5, 20 m	2048674

Cable	Type	Part no.
5 m, 4-wire	Cable, round, 4 x 0.5, 5 m	2045416

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, RJ45, 8-pin, straight

Cable	Type	Part no.
5 m, 8-wire	Cable, STEC/BUC 5M0 RJ45 / M12 8 PIN	6070521

- **Connection type head A:** female connector, RC16, 16-pin, straight
- **Connection type head B:** Flying leads

Cable	Type	Part no.
5 m, 16-wire, PUR, halogen-free	Cable, plug/--- 5M0 RC16 16P IP67	6079805

- **Connection type head A:** male connector, MDR 26
- **Connection type head B:** male connector, MDR 26
- **Description:** unshielded

Cable	Type	Part no.
10 m	Ranger CL cable	1014311
3 m	Ranger CL cable	1014310

- **Connection type head A:** male connector, D-Sub, 9-pin
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232 ( $\pm 12$  V)

Cable	Description	Type	Part no.
3 m, coiled cable	RS-232 ( $\pm 12$ V)	RS232C spiral cable	6053829

- **Connection type head A:** male connector, ODU, 14-pin, straight
- **Connection type head B:** male connector, D-Sub, 15-pin, straight
- **Signal type:** Power, digital I/Os

Cable	Description	Type	Part no.
1.5 m	Power, unshielded Digital I/Os	SAH power I/O cable, 1.5 m	6032923
10 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE FLEX, 10 m	1014250
10 m, flexible	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 10 m	1014324
15 m, flexible	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 15 m	1014275
20 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 20 m	1014325
30 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 30 m	1014326
3 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 3 m	1014266
3 m, flexible	Power, shielded Digital I/Os	SAH POWER & I/O CABLE FLEX, 3 m	1014248

Cable	Description	Type	Part no.
40 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 40 m	1014327
50 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE, 50 m	1014328
5 m	Power, shielded Digital I/Os	SAH POWER & I/O CABLE FLEX, 5 m	1014249
		SAH POWER & I/O CABLE, 5 m	1014323

- **Connection type head A:** male connector, M12, 4-pin, A-coded
- **Connection type head B:** female connector, SMEMA CPC, 14-pin
- **Signal type:** digital I/Os
- **Cable:** 2 m, 4-wire, PUR, halogen-free
- **Description:** digital I/Os, unshielded

Type	Part no.
SMEMA N+1 female connection cable	2121289
SMEMA N-1 female connection cable	2121291

- **Connection type head A:** male connector, M12, 4-pin, A-coded
- **Connection type head B:** male connector, SMEMA CPC, 14-pin
- **Signal type:** digital I/Os
- **Cable:** 2 m, 4-wire, PUR, halogen-free
- **Description:** digital I/Os, unshielded

Type	Part no.
SMEMA N+1 male connection cable	2121288
SMEMA N-1 male connection cable	2121290

- **Connection type head A:** male connector, RJ45
- **Connection type head B:** male connector, RJ45
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
10 m	Ethernet, unshielded	For plug hood	YMRJA8-100XXXMRJA8	2030467
10 m, CAT5, CAT5e	Ethernet, Highly flexible, unshielded	–	SSL-0J08-G10MACR	6037976
10 m, crossover	Ethernet, unshielded	For plug hood	YMRJA8-100XXXMRJA8	2032821
10 m, drag chain use	Ethernet, unshielded	For plug hood	YMRJA8-100XXXLECX	2034674
			Connection cable (male connector-male connector)	2034675
			YMRJA8-100XXXMRJA8	2034673
20 m	Ethernet, unshielded	For plug hood	YMRJA8-200XXXMRJA8	2061488
3 m	Ethernet, unshielded	For plug hood	YMRJA8-030XXXMRJA8	2062036
3 m, CAT5, CAT5e	Ethernet, Highly flexible, unshielded	–	SSL-080J-G03MACR	6037974
5 m	Ethernet, unshielded	For plug hood	YMRJA8-050XXXMRJA8	2063455
5 m, CAT5, CAT5e	Ethernet, Highly flexible, shielded	–	SSL-0J08-G05MACR	6037975

- **Connection type head A:** male connector, RJ45
- **Connection type head B:** male connector, RJ45
- **Signal type:** Gigabit Ethernet
- **Description:** Gigabit Ethernet, unshielded

Cable	Type	Part no.
1.5 m	SSL-0J08-G01MES01	6034636
10 m	SSL-0J08-G10MES01	6033030
3 m	SSL-0J08-G03MES01	6034635
5 m	SSL-0J08-G05MES01	6033029
70 m	SSL-0J08-G70MES01	6033032

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** PROFINET
- **Description:** PROFINET, shielded

Cable	Type	Part no.
10 m, 4-wire, CAT5, CAT5e, PVC	SSL-1204-F10MZ90	6048252
2 m, 4-wire, CAT5, CAT5e, PVC	SSL-1204-F02MZ90	6048250
5 m, 4-wire, CAT5, CAT5e, PVC	SSL-1204-F05MZ90	6048251

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Connection type head B:** male connector, M12, 4-pin, angled, D-coded
- **Signal type:** PROFINET

Cable	Description	Type	Part no.
2 m, 4-wire, CAT5, CAT5e, PUR, halogen-free	PROFINET, shielded	SSL-1204-W02MZ	6050635

- **Connection type head A:** male connector, M12, 8-pin, X-coded
- **Connection type head B:** male connector, M12, 8-pin, X-coded
- **Signal type:** Gigabit Ethernet

Cable	Description	Type	Part no.
2 m, 8-wire, CAT6A, PUR, halogen-free	Gigabit Ethernet, twisted pair, shielded	SSL-1208-G02ME	6059942

- **Connection type head A:** male connector, RJ45, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, angled, D-coded
- **Signal type:** PROFINET, EtherCAT®

Cable	Description	Type	Part no.
10 m, 4-wire, CAT5, CAT5e, PVC	PROFINET, shielded EtherCAT®	SSL-2J04-F10MZ	6048255



- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Connection type head B:** male connector, RJ45, 4-pin, straight
- **Signal type:** PROFINET

Cable	Description	Type	Part no.
2 m, 4-wire, CAT5, CAT5e, PVC	PROFINET, shielded	SSL-2J04-G02MZ60	6048244

- **Connection type head A:** male connector, M12, 5-pin, straight
- **Signal type:** CANopen
- **Description:** CANopen, unshielded

Type	Part no.
STE-1205-GKEND	6037193
CAN male connector	6021167

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight, female connector
- **Connection type head B:** male connector, M12, 8-pin
- **Signal type:** CAN, Ethernet, RS-232, FSI

Description	Type	Part no.
CAN, shielded Ethernet RS-232 FSI	Slave Connection hood	2030440

- **Connection type head A:** male connector, M26, 8-pin, straight
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, PVC	STL-0608G10M075KM1	2026870
2.5 m, PVC	STL-0608G2M5075KM1	2026869

- **Connection type head A:** male connector, M8, 3-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** digital I/Os
- **Description:** digital I/Os, unshielded

Cable	Type	Part no.
1.5 m, 3-wire	STL-0803-G1M5S02	6033692
10 m, 3-wire, PVC	STL-0803-G10M	6034535
2 m, 3-wire, PVC	STL-0803-G02M	6029063
5 m, 3-wire, PVC	STL-0803-G05M	6048191

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFINET

Cable	Description	Type	Part no.
2 m, 4-wire, CAT5, CAT5e, PVC	PROFINET, shielded	STL-1204-G02MZ90	6048247

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFINET

Cable	Description	Type	Part no.
2 m, 4-wire, CAT5, CAT5e, PVC	PROFINET, shielded	STL-1204-W02MZ90	6048256

- **Connection type head A:** male connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 5-wire, PUR, halogen-free	STL-1205-G10MACSCO	2097306
5 m, 5-wire, PUR, halogen-free	STL-1205-G05MACSCO	2097305

- **Connection type head A:** male connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 8-wire	Shielded	–	–	STL-1208-G10MA	6032324
15 m, PUR, halogen-free	Shielded	Flying leads	–	STL-127SG15ME25KM0	6021205
1 m, 8-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	STL-1208-G01MC	6051954
5 m, 8-wire	Shielded	–	–	STL-1208-G05MA	6029331
5 m, 8-wire, PUR, halogen-free	Unshielded	Flying leads	Zones with oils and lubricants, Outdoor, Drag chain operation	STL-1208-G05MC	6051956
5 m, PUR, halogen-free	Shielded	Flying leads	–	STL-127SG05ME25KM0	6021204

- **Connection type head A:** male connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** digital I/Os

Cable	Description	Type	Part no.
2 m, 8-wire	Digital I/Os, shielded	STL-1208-G02MA	6029330

- **Connection type head A:** male connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Flying leads	Zones with oils and lubricants,	STL-1208-G10MC	6051957

Cable	Description	Connection systems	Application	Type	Part no.
			Outdoor, Drag chain operation		
15 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	STL-127SG15ME25KM0	2075983
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Flying leads	Zones with oils and lubricants, Outdoor, Drag chain operation	STL-1208-G02MC	6051955
5 m	Sensor/actuator cable, shielded	Screw-type terminals	–	STE-1208-G05MACR	6037518
5 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	STL-127SG05ME25KM0	2075982

- **Connection type head A:** male connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Type	Part no.
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	STL-1208-W10MAC	6059752

- **Connection type head A:** male connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
15 m, PUR, halogen-free	STL-127SW15ME25KM0	6021831
5 m, PUR, halogen-free	STL-127SW05ME25KM0	6021830

- **Connection type head A:** male connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Type	Part no.
5 m, 7-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	STL-127SW05ME25KM0	2075985

- **Connection type head A:** RS232 female connector, 9-pin, Serial (+5 V at pin 9)
- **Connection type head B:** male connector, USB 2.0
- **Signal type:** RS-232, USB

Cable	Description	Type	Part no.
1.8 m	RS-232, unshielded USB	USB 2.0 - RS232 converter equipped with +5 V	2139287

- **Connection type head A:** male connector, USB-A
- **Connection type head B:** male connector, RJ45
- **Signal type:** USB

Cable	Description	Note	Type	Part no.
1.8 m, straight-ened cable	USB, unshielded	For keyboard wedge or USB Com Port Emulation	Connection cable	6045195
2.3 m, straight-ened cable	USB, unshielded	–	USB cable	6028232
2.8 m, straight-ened cable	USB	–	Connection cable (male connector-male connector)	2116703
2 m, straight-ened cable	USB	–		2116701
	USB, unshielded	For keyboard wedge or USB Com Port Emulation	Connection cable	6081867
3 m, coiled cable	USB	–	USB cable	6052577
	USB, unshielded	–	Connection cable (male connector-male connector)	6039158
				6045232
3 m, straight-ened cable	USB	–	USB cable	6052578
				6064633
				6064634
4.6 m, straight-ened cable	USB	–	Connection cable (male connector-male connector)	2116702
				2116704
5 m, coiled cable	USB	–	USB cable	6059738

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Description:** shielded
- **Note:** For connecting the Motion Control Module FX3-MOC with a motor feedback splitter box or a dual encoder connector box

Cable	Type	Part no.
10 m	Connection cable	2067799
2 m	Connection cable	2067798

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Description:** shielded
- **Note:** to connect two motor feedback splitter boxes

Cable	Type	Part no.
0.3 m	Connection cable	2078260
10 m	Connection cable	2067801
2 m	Connection cable	2067800

- **Connection type head A:** Flying leads, 12-pin
- **Connection type head B:** Flying leads, 12-pin
- **Description:** Halogen free, flame resistant, largely oil and UV resistant, shielded, Galvanized copper braiding, opt. density approx. 85%

Cable	Type	Part no.
10 m, 12-wire, Special polyolefin copolymer	Connection cable	2076478
20 m, 12-wire, Special polyolefin copolymer	Connection cable	2076479
2 m, 12-wire, Special polyolefin copolymer	Connection cable	2076476
5 m, 12-wire, Special polyolefin copolymer	Connection cable	2076477

- **Connection type head A:** female connector, 7-pin
- **Connection type head B:** ferrule

Cable	Type	Part no.
100 m, 4-wire	Connection cable	2087602
10 m, 6-wire	Connection cable	2043679
25 m, 6-wire	Connection cable	2096251
50 m, 6-wire	Connection cable	2047179
5 m, 6-wire	Connection cable	2043678

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, angled

Cable	Description	Note	Type	Part no.
10 m	Shielded	For connecting the Motion Control Module FX3-MOC with a motor feedback splitter box or a dual encoder connector box	Connection cable	2077262

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Description:** shielded
- **Note:** For connecting the Motion Control Module FX3-MOC with a motor feedback splitter box or a dual encoder connector box

Cable	Type	Part no.
0.5 m	Connection cable	2111541
2 m	Connection cable	2077261

- **Connection type head A:** female connector, 7/8", 5-pin, straight
- **Connection type head B:** male connector, 7/8", 5-pin, straight

Cable	Description	Type	Part no.
2 m, 5-wire, PVC	Shielded	Connection cable	6030744

- **Connection type head A:** male connector, 7-pin
- **Connection type head B:** ferrule

Cable	Type	Part no.
10 m, 6-wire	Connection cable	2096286
25 m, 6-wire	Connection cable	2096287
50 m, 6-wire	Connection cable	2096288
5 m, 6-wire	Connection cable	2096285

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** female connector, M12, 8-pin, straight, A-coded
- **Description:** shielded

Cable	Type	Part no.
10 m	Connection cable	2094428
1 m	Connection cable	2094403
3 m	Connection cable	2094426
5 m	Connection cable	2094427

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** female connector, M12, 8-pin, straight
- **Description:** shielded

Cable	Type	Part no.
10 m	Connection cable	2094433
1 m	Connection cable	2094402
3 m	Connection cable	2094431
5 m	Connection cable	2094432

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, angled
- **Connection type head B:** female connector, M12, 12-pin, straight, A-coded
- **Description:** shielded
- **Note:** For connecting the FX3-MOC motion control modules to an encoder

Cable	Type	Part no.
10 m	Connection cable	2094436
1 m	Connection cable	2094372
3 m	Connection cable	2094434
5 m	Connection cable	2094435

- **Connection type head A:** Flying leads

Cable	Description	Type	Part no.
9-wire, shielded, PUR	Halogen free, flame resistant, largely oil and UV resistant	Connection cable	6065208

- **Connection type head A:** male connector, USB-A
- **Connection type head B:** male connector, RJ50
- **Signal type:** USB

Cable	Description	Note	Type	Part no.
2 m, straightened cable	USB, unshielded	For keyboard wedge or USB Com Port Emulation	Connection cable	6081864

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ50
- **Signal type:** RS-232
- **Description:** RS-232, unshielded
- **Note:** Voltage via pin 9 or external power supply required

Cable	Type	Part no.
2 m, straightened cable	Connection cable	6081865
3 m, coiled cable	Connection cable (male connector - female connector)	6081866

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232
- **Description:** RS-232, unshielded
- **Note:** Voltage via pin 9 or external power supply required

Cable	Type	Part no.
1.8 m, straightened cable	Connection cable	6045196
2 m, straightened cable	Connection cable	6081868
3 m, coiled cable	Connection cable	6081869
	Connection cable (male connector - female connector)	6039156

- **Connection type head A:** male connector, Micro D-Sub, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD with screw #4 - 40 UNC, 15-pin, straight

Cable	Description	Note	Type	Part no.
2 m	Shielded	For connecting the Motion Control Module FX3-MOC with a motor feedback splitter box or a dual encoder connector box	Connection cable	2126044

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, round plug, 12-pin, straight
- **Signal type:** CAN
- **Description:** CAN, unshielded

Cable	Type	Part no.
2 m	YM2Z1B-020XXXFDSA9	2063324
8 m	Connection cable (male connector - female connector)	2063325

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232 TTL
- **Description:** RS-232 TTL

Cable	Type	Part no.
2.8 m, coiled cable	Connection cable (male connector-female connector)	2116717
2 m, straightened cable		2116705
3 m, coiled cable		6052576
		6064034
4.6 m, straightened cable		2116706

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232 ( $\pm 12$  V)

Cable	Description	Type	Part no.
3 m, coiled cable	RS-232 ( $\pm 12$ V)	Connection cable (male connector-female connector)	6053828

- **Connection type head A:** male connector, PS/2
- **Connection type head B:** male connector, RJ45
- **Signal type:** USB

Cable	Description	Type	Part no.
3 m, coiled cable	USB	Connection cable (male connector-male connector)	6052579

- **Connection type head A:** male connector, M12, 8-pin, X-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** Ethernet

Cable	Description	Type	Part no.
3 m, 8-wire, CAT5e, PUR	Ethernet, shielded	Connection cable (male connector-male connector)	2087582

- **Connection type head A:** male connector, M12, 8-pin, X-coded
- **Connection type head B:** male connector, RJ45, 8-pin, straight
- **Signal type:** Ethernet
- **Description:** Ethernet, shielded

Cable	Type	Part no.
3 m, 8-wire, CAT5e, PUR	Connection cable (male connector-male connector)	2087584
5 m, 8-wire, CAT5e, PUR		2087585

- **Connection type head A:** female connector
- **Connection type head B:** ferrule

Cable	Type	Part no.
10 m, 5-wire	Connection cable	7042018
5 m, 5-wire	Connection cable	7042017



- **Connection type head A:** female connector, M12, 5-pin
- **Connection type head B:** male connector, M12, 5-pin
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
3 m	Sensor/actuator cable	Connection cable, DSL, 5 x 0.34, length 3 m	6028663

- **Connection type head A:** male connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, USB-A, straight
- **Signal type:** RS-232, USB
- **Description:** RS-232, unshielded, USB

Cable	Note	Type	Part no.
–	–	RS-232 to USB converter	6042499
0.35 m, PVC	RS-232 to USB converter	RS-232 to USB converter	6035396

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-010UB5F2A15	2124512

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, Q6, 6-pin
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 6-wire, PUR	Sensor/actuator cable, unshielded	Zones with oils and lubricants	YF2A15-C11VD7MQ6A6	2139423

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.25 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, with special wiring, unshielded	Zones with oils and lubricants, Drag chain operation, Robot	YF2A18-C25S01M2A18	2141614
0.2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A28-C20UA6F2A28	6079346

- **Connection type head A:** female connector, M12, 17-pin
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 3-wire, PUR, halogen-free	YF2A72-100S01XLECX	6048319
10 m, 5-wire, PUR, halogen-free	YF2A1D-100S01XLEC	2148010

- **Connection type head A:** male connector, M12, 4-pin, straight
- **Connection type head B:** male connector, Mini Industrial I/O, 8-pin, straight
- **Signal type:** HIPERFACE DSL®

Cable	Description	Application	Type	Part no.
1 m	HIPERFACE DSL®, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-020UB4MMIA8	2124673

- **Connection type head A:** female connector, M12, 17-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Signal type:** Power, serial, CAN, digital I/Os
- **Description:** Power, shielded, serial, CAN, digital I/Os

Cable	Application	Type	Part no.
0.3 m	–	YF2AAD-C35VD5MHDAC	6077430
0.85 m	–	YF2AAD-C90VD5MHDAC	6077431
2 m	–	YF2A2D-020S01MHDAC	2127037
		YF2AAD-020VD5MHDAC	6077432
3 m	–	YF2AAD-030VD5MHDAC PVC/15*0,14/BK/SH	6077433
	Drag chain operation	YF2Z1D-030XXMDSAC	2061605
5 m	–	YF2AAD-050VD5MHDAC	6077434

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** Power

Cable	Description	Type	Part no.
0.25 m	Power	YF2A6B-C25XXXM2A15	2079766

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded

Cable	Description	Note	Application	Type	Part no.
1 m, 12-wire, shielded, PVC	Shielded	Connection cable, power cable for Inspector	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A8B-010UA4M2A24	6059036

- **Connection type head A:** female connector, M12, 17-pin, Straight, A-coded
- **Connection type head B:** female connector, M12, 5-pin, Straight, A-coded
- **Signal type:** DIGITAL IO

Cable	Description	Type	Part no.
0.3 m	DIGITAL IO, shielded	YF2A8D-C25S01F2AA5	2140589

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** female connector, M23, 12-pin, straight
- **Signal type:** HIPERFACE®

Cable	Description	Type	Part no.
1 m, 8-wire	HIPERFACE®, unshielded	YF2AA8-010S01M23BB	2109107

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Description:** shielded
- **Permitted cross-section:** ≤ 0.25 mm²
- **Note:** drag chain use
- **Application:** Drag chain operation

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	YF2AA8-100S01MKA18	2099210
20 m, 8-wire, PUR, halogen-free	YF2AA8-200S01MKA18	2099208
2 m, 8-wire, PUR, halogen-free	YF2AA8-020S01MKA18	2099207
5 m, 8-wire, PUR, halogen-free	YF2AA8-050S01MKA18	2099209

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 17-pin, straight
- **Signal type:** Power, digital I/Os, serial

Cable	Description	Type	Part no.
0.25 m	Power, shielded Digital I/Os Serial	YF2AAB-C25S01M2AAD	2086398

- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Robot

Cable	Type	Part no.
10 m, 3-wire	YF2AP3-100PA1XLEAX	2146862
15 m, 3-wire	YF2AP3-150PA1XLEAX	2146863
20 m, 3-wire	YF2AP3-200PA1XLEAX	2146864
30 m, 3-wire	YF2AP3-300PA1XLEAX	2146865
40 m, 3-wire	YF2AP3-400PA1XLEAX	2146866
5 m, 3-wire	YF2AP3-050PA1XLEAX	2146861

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Power, serial, CAN, digital I/Os

Cable	Description	Connection systems	Note	Type	Part no.
5 m, 12-wire, suitable for refrigeration, TPE-U	Power, suitable for 2 A, shielded Serial CAN Digital I/Os	Flying leads	Drag chain use	YF2ASB-050XXXXLECE	2075219

- **Connection type head A:** female connector, M12, 17-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Power, serial, CAN, digital I/Os
- **Connection systems:** Flying leads

Cable	Description	Note	Application	Type	Part no.
10 m, 17-wire, stripped, PE-X	Power, suitable for 2 A, shielded Serial, Changed color coding of the flying leads CAN Digital I/Os	Max. permissible current strength at ambient temperature 50 °C: Contact 1 (blue) and contact 2 (brown): 3 A while the remaining contacts are operated with max. 100 mA; max. permissible current strength at ambient temperature 40 °C: 2 A for two and 1.5 A for 15 contacts.	Drag chain operation	YF2ASD-100XXXXLECX	2070427
2 m, 17-wire, stripped, PE-X			Drag chain operation	YF2ASD-020XXXXLECX	2081094
3 m, 17-wire, stripped, PE-X			Drag chain operation	YF2ASD-030XXXXLECX	2070425
5 m, 17-wire, stripped, PE-X			Drag chain operation	YF2ASD-050XXXXLECX	2070426
5 m, 17-wire, suitable for refrigeration, TPE-U	Power, suitable for 2 A, shielded Serial CAN Digital I/Os	–	–	YF2ASD-050XXXXLECE	2075220

- **Connection type head A:** female connector, M12, 5-pin
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
50 m	Unshielded	YF2Z15-500XXXFXXX5	2079599

- **Connection type head A:** female connector, M16, 8-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Type	Part no.
10 m, PUR, halogen-free	YF2Z18-100XXXXLEBX	2027193

Cable	Type	Part no.
50 m, PUR, halogen-free	YF2Z18-500XXXXLEBX	6032903
5 m, PUR, halogen-free	YF2Z18-050XXXXLEBX	2026742

- **Connection type head A:** female connector, M16, 12-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
10 m	Shielded	YF2Z1A-100XXXXLEBX	2023559
25 m	Shielded	YF2Z1A-250XXXXLEBX	2024282
5 m	Shielded	YF2Z1A-050XXXXLEBX	2023490
	Unshielded	YF2Z1B-050XXXXLEBX	2013353

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Signal type:** Power, serial, CAN, digital I/Os
- **Description:** Power, shielded, serial, CAN, digital I/Os

Cable	Application	Type	Part no.
0.35 m	–	YF2Z1B-C35XXXMHDAC	6061700
0.9 m	–	YF2Z1B-C90XXXMHDAC	6061701
2 m	–	YF2Z1B-020XXXMHDAC	6061702
3 m, PUR	Drag chain operation	YF2Z1B-030XXXMHDAC	2061604
3 m, PVC	–	YF2Z1B-030XXXMHDAC	6061703
5 m	–	YF2Z1B-050XXXMHDAC	6061704

- **Connection type head A:** male connector, M12, 5-pin, A-coded, male connector, M12, 8-pin, A-coded
- **Connection type head B:** female connector, M12, 17-pin, A-coded
- **Signal type:** Power, digital I/Os, Incremental
- **Description:** Power, shielded, digital I/Os, Incremental

Cable	Type	Part no.
0.3 m	YF2Z1D-C30XXX2Z1X PE-X / 17*0.14 / GY/SH	2124024
3 m	YF2Z1D-030XXX2Z1X	2101869
5 m	YF2Z1D-050XXX2Z1X	2110814

- **Connection type head A:** female connector, D-Sub, 9-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** serial

Cable	Description	Type	Part no.
5 m, 3-wire	Serial, unshielded	YFDSA9-050XXX2Z1X	2027955

- **Connection type head A:** female connector, D-Sub, 15-pin, straight
- **Connection type head B:** male connector, D-Sub, 15-pin, straight
- **Items supplied:** 2 x required
- **Description:** shielded

Cable	Note	Type	Part no.
10 m, 15-wire	For connection to CDM490	YFHDAC-100XXXMHDAC	2021815
3 m, 15-wire	–	YFHDAC-030XXXMHDAC	2020302

- **Connection type head A:** female connector, HRS, 6-pin
- **Signal type:** RS-485
- **Description:** RS-485

Cable	Type	Part no.
10 m, 6-wire, PVC	YFHRS6-100VD3XLEAX	6053197
2 m, 6-wire, PVC	YFHRS6-020VD3XLEAX	6053021
5 m, 6-wire, PVC	YFHRS6-050VD3XLEAX	6053196

- **Connection type head A:** female connector, Hirose HR25, 8-pin
- **Connection type head B:** Flying leads
- **Signal type:** Power
- **Description:** Power, shielded

Cable	Type	Part no.
10 m	YFHRS8-100XXXXLECX	2128921
1 m	YFHRS8-010XXXXLECX	2128918
3 m	YFHRS8-030XXXXLECX	2128919
5 m	YFHRS8-050XXXXLECX	2128920

- **Connection type head A:** male connector, HRS, 12-pin
- **Signal type:** digital I/Os, Power
- **Description:** digital I/Os, unshielded, Power

Cable	Type	Part no.
10 m, 12-wire, PVC	YFHRSB-100VD3XLEAX	6053019
2 m, 12-wire, PVC	YFHRSB-020VD3XLEAX	6053017
5 m, 12-wire, PVC	YFHRSB-050VD3XLEAX	6053018

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Signal type:** Sensor/actuator cable, serial, CAN, digital I/Os
- **Description:** Sensor/actuator cable, shielded, serial, CAN, digital I/Os

Cable	Type	Part no.
2 m, 15-wire, AWG26	YFHSAC-020VD5MHSA	6054331
3 m, 15-wire, AWG26	YFHSAC-030VD5MHSA	6054332

- **Connection type head A:** male connector, JST, 4-pin, straight
- **Connection type head B:** male connector, Mini Industrial I/O, 8-pin, straight
- **Signal type:** HIPERFACE DSL®

Cable	Description	Type	Part no.
1 m	HIPERFACE DSL®, shielded	YFJSA4-010EG1MMIA8	2117790

- **Connection type head A:** female connector, Molex, 2-pin
- **Connection type head B:** ferrule, Flying leads, 2-pin
- **Signal type:** Power
- **Description:** Power, unshielded
- **Application:** Zones with chemicals, Uncontaminated zones

Cable	Type	Part no.
0.7 m, PVC	YFMXA2-C70VA7XLEBX	2114597
1.5 m, PVC	YFMXA2-015VA7XLEBX	2114598

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Power
- **Description:** Power, shielded
- **Application:** cold bending resistant

Cable	Type	Part no.
10 m, 3-wire	YFXXX-100XXX2Z1X	6053225
5 m, 3-wire	YFXXX-050XXX2Z1X	6053224

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Items supplied:** 75 pieces package (2095752)

Cable	Description	Application	Type	Part no.
2 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation, Robot	YG2A13-020P01XLEAX	2139128

- **Connection type head A:** female connector, M12, 17-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Power, serial, CAN, digital I/Os
- **Description:** Power, 3-A suitable, shielded, serial, Changed color coding of the flying leads, CAN, digital I/Os
- **Note:** Max. permissible current strength at ambient temperature 50 °C: Contact 1 (blue) and contact 2 (brown): 3 A while the remaining contacts are operated with max. 100 mA; max. permissible current strength at ambient temperature 40 °C: 2 A for two and 1.5 A for 15 contacts.
- **Application:** Drag chain operation

Cable	Type	Part no.
3 m, 17-wire, stripped	YG2ASD-030XXXLECX	2102509
5 m, 17-wire, stripped	YG2ASD-050XXXLECX	2102510

- **Connection type head A:** female connector, M16, 8-pin, angled
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Type	Part no.
10 m, PVC	YG2Z18-100XXXXLEBX	2027194
5 m, PVC	YG2Z18-050XXXXLEBX	2026743

- **Connection type head A:** female connector, M16, 12-pin, angled
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
5 m	Shielded	YG2Z1B-050XXXXLEBX	2023492

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	YM2A14-C50UJ2XLEAX	2116494
10 m, 4-wire, PUR, halogen-free	YM2A14-100UJ2XLEAX	2116490
1 m, 4-wire, PUR, halogen-free	YM2A14-010UJ2XLEAX	2116493
2 m, 4-wire, PUR, halogen-free	YM2A14-020UJ2XLEAX	2116492
5 m, 4-wire, PUR, halogen-free	YM2A14-050UJ2XLEAX	2116491

- **Connection type head A:** female connector, M12, 17-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 17-pin, straight, A-coded
- **Signal type:** Power, serial, CAN, digital I/Os
- **Description:** Power, suitable for 2 A, shielded, serial, CAN, digital I/Os

Cable	Application	Type	Part no.
0.4 m, 17-wire	Drag chain operation	YM2A8D-C40XXXF2A8D	6055035
0.9 m, 17-wire	Drag chain operation	YM2A8D-C90XXXF2A8D	6052945
2 m, 17-wire	Drag chain operation	YM2A8D-020XXXF2A8D	6052286
2 m, suitable for refrigeration	–	YM2A8D-020XXXF2A8D	6053230
3 m, 17-wire	Drag chain operation	YM2A8D-030XXXF2A8D	6051194
3 m, suitable for refrigeration	–	YM2A8D-030XXXF2A8D	6053231
5 m, 17-wire	Drag chain operation	YM2A8D-050XXXF2A8D	6051195
5 m, suitable for refrigeration	–	YM2A8D-050XXXF2A8D	6053232

- **Connection type head A:** male connector, M12, 17-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** digital I/Os
- **Description:** digital I/Os, shielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
3 m, 17-wire, PE-X	YM2A8D-030XXXXLECX	6061189



Cable	Type	Part no.
5 m, 17-wire, PE-X	YM2A8D-050XXXLECX	6061190

- **Connection type head A:** male connector, M12, 5-pin, A-coded
- **Connection type head B:** female connector, M12, 8-pin, A-coded
- **Description:** shielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1 m	YM2AA5-010UB6F2A28	2087091
3 m	YM2AA5-030UB6F2A28	2087092
5 m	YM2AA5-050UB6F2A28	2087093

- **Connection type head A:** male connector, M12, 5-pin, A-coded
- **Connection type head B:** female connector, HR10, 6-pin
- **Description:** shielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1 m	YM2AA5-010UB6FHRS6	2087088
3 m	YM2AA5-030UB6FHRS6	2087089

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 8-pin, straight, A-coded
- **Description:** shielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
3 m, 4-wire, PUR	YM2AA5-030UB4F2AA8	2087580
5 m, 4-wire, PUR	YM2AA5-050UB4F2AA8	2087581

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Description:** shielded

Cable	Type	Part no.
3 m, 8-wire, PUR	YM2AA8-030XXXM2AA8	2087588
5 m, 8-wire, PUR	YM2AA8-050XXXM2AA8	2087589
		2087591

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Connection type head B:** male connector, RJ45, 8-pin, straight
- **Signal type:** Ethernet
- **Description:** Ethernet, shielded

Cable	Type	Part no.
2 m, 4-wire, CAT5, PUR, halogen-free	YM2D24-020EG3MRJE4	2102915
5 m, 4-wire, CAT5, CAT5e, PUR, halogen-free	SSL-2J04-G05ME60	6047917

- **Connection type head A:** male connector, M12, 8-pin, straight, X-coded
- **Connection type head B:** male connector, RJ45, 8-pin, straight
- **Signal type:** Gigabit Ethernet

Cable	Description	Application	Type	Part no.
0.5 m, 8-wire, AWG26, PUR, halogen-free	Gigabit Ethernet, twisted pair, shielded	Zones with oils and lubricants	YM2X18-C50EG2MRJA8	6049726

- **Connection type head A:** female connector, TNC
- **Connection type head B:** female connector, TNC
- **Signal type:** HF analog
- **Description:** HF analog, unshielded

Cable	Note	Type	Part no.
10 m	Antenna connecting cable, power loss 3.5 dB	YM2Z12-100XXXM2Z12	6049782
1 m	Antenna connecting cable, power loss 1.5 dB	YM2Z12-010XXXM2Z12	6075230
2 m		YM2Z12-020XXXM2Z12	6049780
3 m	Antenna connecting cable, power loss 2 dB	YM2Z12-030XXXM2Z12	6078920
5 m	Antenna connecting cable, power loss 2.5 dB	YM2Z12-050XXXM2Z12	6049781

- **Connection type head A:** male connector, N, straight
- **Connection type head B:** male connector, TNC, straight
- **Signal type:** HF analog
- **Description:** HF analog, unshielded

Cable	Note	Type	Part no.
10 m	Antenna connecting cable, power loss 3.5 dB	YM2Z12-100PC1F2Z12	6050968
		YM2Z12-100XXXF2Z12	6034083
2 m	Antenna connecting cable, power loss 1.5 dB	YM2Z12-020PC1F2Z12	6050967
		YM2Z12-020XXXF2Z12	6034081
5 m	Antenna connecting cable, power loss 2.5 dB	YM2Z12-050XXXF2Z12	6034082

- **Connection type head A:** male connector, M12, 5-pin, A-coded
- **Connection type head B:** female connector, Hirose HR25, 8-pin
- **Signal type:** Power, digital I/Os
- **Description:** Power, shielded, digital I/Os

Cable	Type	Part no.
1 m, PVC	YM2Z15-010XXXFHRS8	2110626
3 m, PVC	YM2Z15-030XXXFHRS8	2110811
5 m, PVC	YM2Z15-050XXXFHRS8	2110812

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 12-pin, straight, A-coded
- **Description:** shielded

Cable	Type	Part no.
3 m, 8-wire, PUR	YM2Z15-030XXXF2Z1B	2087578
5 m, 8-wire, PUR	YM2Z15-050XXXF2Z1B	2087579

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 17-pin, straight, A-coded
- **Description:** shielded

Cable	Type	Part no.
3 m, 8-wire, PUR	YM2Z15-030XXXF2Z1D	2087576
5 m, 8-wire, PUR	YM2Z15-050XXXF2Z1D	2087577

- **Connection type head A:** Flying leads, straight
- **Connection type head B:** male connector, Mini Industrial I/O, 8-pin, straight
- **Signal type:** HIPERFACE DSL<sup>®</sup>

Cable	Description	Type	Part no.
1 m, 4-wire	HIPERFACE DSL <sup>®</sup> , shielded	YMMIA8-010EG1XLEAX	2124124

- **Connection type head A:** male connector, RJ45
- **Connection type head B:** Flying leads
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
10 m	Ethernet, unshielded	For plug hood	YMRJA8-100XXXXLECX	2030465

- **Connection type head A:** male connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 4-pin, angled, D-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-100UB3N2D14	2118198

- **Connection type head A:** female connector, round socket, 4-pin, angled
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
8 m	Shielded	Flying leads	Zones with chemicals, Uncontaminated zones	YN2Z14-080VA4M2Z12	2067524

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Power

Cable	Description	Note	Application	Type	Part no.
2 m, PUR	Power, silicone-free, shielded Free of paint wetting impairment substances	With fuse (1A) and green LED in the male connector., For connecting a CLV61x Dual Port sensor to a connection chip (part no. 6022472) and flat cable (part no. 6022463)	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YX2A24-020UA4F2A24	6060279

- **Connection type head A:** female connector, 7/8", 4-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Note	Type	Part no.
0.3 m	Unshielded	Auxiliary power supply, with screw lock	Connecting cable	6030805

- **Connection type head A:** female connector, M8, 3-pin, angled
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Description:** unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	DSL-8203-B0M6C	6025916
2 m, 3-wire, PUR, halogen-free	DSL-8203-B02MC	6025917

- **Connection type head A:** male connector, RJ45
- **Connection type head B:** female connector, D-Sub

Cable	Description	Type	Part no.
2 m	Unshielded	Monitor configuration cable	6028937

- **Connection type head A:** male connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.29 m, 4-wire, PUR, halogen-free	STL-1204-G0M3C	6011311
15 m, 4-wire, PUR, halogen-free	STL-1204-G15MC	6048171
2 m, 4-wire, PUR, halogen-free	STL-1204-G02MC	6028077
5 m, 4-wire, PUR, halogen-free	STL-1204-G05MC	6048170

- **Connection type head A:** male connector, M12, 5-pin, straight, B-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFIBUS DP
- **Description:** PROFIBUS DP, twisted pair, shielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Note	Type	Part no.
12 m, 2-wire, PUR, halogen-free	Wire shield Al-Pt film, overall shield C-screen tin-plated	STL-1205-G12MQ	6032635
15 m, 2-wire, PUR, halogen-free	–	STL-1205-G15MQ	6036898
5 m, 2-wire, PUR, halogen-free	Wire shield Al-Pt film, overall shield C-screen tin-plated	STL-1205-G05MQ	6026005

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Application	Type	Part no.
10 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA10C	6034392
10 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and washdown zones, Drag chain operation	DOL-0803-G10MN	6033666
10 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-G10MC	6025890
10 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-G10M	6022011
15 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-G15M	6036472
20 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA20C	6021913
20 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-G20MC	6036456
25 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA25C	6021914
25 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and wash-down zones	DOL-0803-G25MN	6044452

Cable	Description	Connection systems	Note	Application	Type	Part no.
2 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and washdown zones, Drag chain operation	DOL-0803-G02MN	6033664
2 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-G02MC	6025888
2 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-G02M	6010785
50 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA50C	6021915
5 m	Shielded	–		–	T4000-DNA05C	6034391
5 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-G05MC	6025889

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** male connector, M23, 12-pin, straight

Cable	Description	Note	Application	Type	Part no.
2.5 m, 12-wire	Unshielded	Connection of safety bus modules to C4000	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	SDL connecting cable	2029131

- **Connection type head A:** male connector, USB-A
- **Connection type head B:** male connector, USB-B
- **Description:** unshielded
- **Note:** DeviceNet Safety connection
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1.8 m	USB connecting cable	6030820
4.6 m	USB connecting cable	6030819

- **Connection type head A:** female connector, M12, 2-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Type	Part no.
2 m, 2-wire, PVC	Unshielded	Flying leads	DOL-1202-G02M	6010728

- **Connection type head A:** male connector, RJ45, 4-pin
- **Connection type head B:** male connector, RJ45, 4-pin
- **Signal type:** Ethernet
- **Items supplied:** with adapter frame

Description	Note	Type	Part no.
Ethernet, unshielded	Ethernet connection possible when screw-mounted	Ethernet patch cable (male connector-male connector)	2039986

- **Connection type head A:** male connector, M23, 12-pin, straight
- **Connection type head B:** female connector, M26, 12-pin, straight
- **Description:** unshielded
- **Note:** connection of safety bus modules to C4000
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 12-wire	SDL connecting cable	2025635
15 m, 12-wire	SDL connecting cable	2025636
5 m, 12-wire	SDL connecting cable	2025634

- **Connection type head A:** male connector, round plug, 12-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Description:** shielded
- **Note:** LD-MRS

Cable	Type	Part no.
2 m	YM2Z1B-020XXMDSA9	2049829
8 m	YM2Z1B-080XXMDSA9	2049830

- **Connection type head A:** female connector, M12, 3-pin, straight
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, 3-wire, PUR, halogen-free	DOL-1203-G10MC	6039077
2 m, 3-wire, PUR, halogen-free	DOL-1203-G02MC	6039075
5 m, 3-wire, PUR, halogen-free	DOL-1203-G05MC	6039076

- **Connection type head A:** cable
- **Connection type head B:** Flying leads

Description	Type	Part no.
Unshielded	LTG-1105-MW	6005897

- **Connection type head A:** male connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Flying leads	Zones with oils and lubricants, Drag chain operation	STL-1204-G10MC	6041750

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** serial
- **Cable:** 3 m
- **Description:** serial, unshielded
- **Note:** for PC connection

Type	Part no.
YMHDAC-030XXXMHDAC	2014054
YFHDA9-030XXXFHDA9	2103279

- **Connection type head A:** male connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** digital I/Os

Cable	Description	Connection systems	Type	Part no.
2 m, PUR, halogen-free	Digital I/Os, unshielded	Flying leads	Connecting cable	6026133

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
2 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Zones with oils and lubricants, Drag chain operation	DSL-8203-G02MC	6025915

- **Connection type head A:** male connector, 7/8", 5-pin, straight
- **Signal type:** DeviceNet™, CANopen

Description	Note	Type	Part no.
DeviceNet™, shielded CANopen	For field bus technology	STE-7805-GKEND	6028995

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight

Cable	Description	Note	Type	Part no.
0.14 m, ribbon cable	Unshielded	For looping-in a hand-held scanner via the Aux interface	Connection cable (female connector-female connector)	2058003



Cable	Description	Note	Type	Part no.
		of CDM420-0004 and CDM420-0007		

- **Connection type head A:** female connector, M8, 3-pin, angled
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Application	Type	Part no.
10 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA10W	6034393
10 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and wash-down zones	DOL-0803-W10MN	6033669
10 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-W10MC	6025893
10 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-W10M	6022012
25 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA25W	6034394
2 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and washdown zones, Drag chain operation	DOL-0803-W02MN	6033667
2 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-W02MC	6025891
2 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-W02M	6008489
50 m	Shielded	–	Read head cable for non-contact safety switch	–	T4000-DNA50W	6034395
5 m, 3-wire, PP	Unshielded	Flying leads	–	Hygienic and washdown zones, Drag chain operation	DOL-0803-W05MN	6033668
5 m, 3-wire, PUR, halogen-free	Unshielded	Flying leads	–	Zones with oils and lubricants, Drag chain operation	DOL-0803-W05MC	6025892

Cable	Description	Connection systems	Note	Application	Type	Part no.
5 m, 3-wire, PVC	Unshielded	Flying leads	–	Zones with chemicals	DOL-0803-W05M	6022010

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Items supplied:** by the meter

Cable	Description	Note	Type	Part no.
–	Shielded	–	CANopen cable	6035263
10-wire	Shielded	–	LTG-2210-MW	6022371
12-wire, PVC	Unshielded	max. 100 m, fitting for EFI connections	Connecting cable	6021437
13-wire, AWG20, PVC	Unshielded	–	Connecting cable	6025729
15-wire, AWG20, PVC	Unshielded	On 100 m reel	Connecting cable	6030795
17-wire, AWG20, PVC	Unshielded	–	Connecting cable	6025730
2-wire, twisted pair, 120 Ohm, PVC	Shielded	Fitting for EFI connections	EFI connecting cable	6029448
4-wire, PVC	Shielded	–	LTG-1404-MW	6001801
4-wire, twisted pair, PVC	Shielded	Fitting for EFI connections	Connection cable	6030756
				6030921
5-wire	Shielded	–	LTG-1505-MW	6000616
5-wire, PVC	Unshielded	–	LTG-1605-MW	6000840
9-wire, AWG20, PVC	Unshielded	–	Connecting cable	6022651

- **Connection type head A:** male connector, 3-pin

Description	Note	Type	Part no.
Unshielded	Male bus connector	STE-WLL190-03P	6026581

- **Connection type head A:** male connector, M12, 4-pin, angled
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
15 m, 4-wire, PUR, halogen-free	STL-1204-W15MC	6037473
5 m, 4-wire, PUR, halogen-free	STL-1204-W05MC	6037472

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** female connector, straight
- **Signal type:** RS-232
- **Items supplied:** not contained in the scope of delivery of the system

Cable	Description	Note	Type	Part no.
5 m	RS-232, shielded	For connecting NAV system and a vehicle	Connection cable	6024723

- **Connection type head A:** male connector, D-Sub-HD, 15-pin
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232 TTL

Cable	Description	Note	Type	Part no.
2 m, straight-ened cable	RS-232 TTL, unshielded	Connection of ICR803-xxx01to CDB405-001	YMHDAC-020XXXMXXXA	6034935

- **Connection type head A:** female connector, M12, 4-pin, angled
- **Connection type head B:** Flying leads
- **Connection systems:** Flying leads

Cable	Description	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W10MC	6025905
10 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Drag chain operation	DOL-1204-W10MN	6028133
		Zones with chemicals	DOL-1204-W10M	6010541
15 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W15MC	6034752
15 m, 4-wire, PVC	Unshielded	Zones with chemicals	DOL-1204-W15M	6036474
20 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W20MC	6034753
20 m, 4-wire, PVC	Unshielded	Zones with chemicals	DOL-1204-W20M	6033559
25 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W25MC	6034754
25 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Drag chain operation	DOL-1204-W25MN	6028135
2 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W02MC	6025903
2 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Drag chain operation	DOL-1204-W02MN	6028129
5 m, 4-wire	Shielded	–	DOL-1204-W05MA	6042098
5 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DOL-1204-W05MC	6025904
5 m, 4-wire, PVC	Unshielded	Hygienic and wash-down zones, Drag chain operation	DOL-1204-W05MN	6028131
		Zones with chemicals	DOL-1204-W05M	6009867

- **Connection type head A:** female connector, M8, 4-pin, angled
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	DSL-8204-B0M6C	6025920
2 m, 4-wire, PUR, halogen-free	DSL-8204-B02MC	6025921

- **Connection type head A:** male connector, 5-pin

Description	Note	Type	Part no.
Unshielded	Male bus connector	STE-WLL190-05P	6026580

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** CAN

Cable	Description	Type	Part no.
3 m	CAN, shielded	Connection cable (female connector-female connector)	6032845

- **Connection type head A:** female connector, M12, 3-pin, angled
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, 3-wire, PUR, halogen-free	DOL-1203-W10MC	6036752
20 m, 3-wire, PUR, halogen-free	DOL-1203-W20MC	6036754
5 m, 3-wire, PUR, halogen-free	DOL-1203-W05MC	6039079

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Power, I/O

Cable	Description	Connection systems	Application	Type	Part no.
2 m, 5-wire, PUR, halogen-free	Power, unshielded I/O	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-G02MC	6025906

- **Connection type head A:** male connector, 7/8", 5-pin, straight

Description	Note	Type	Part no.
Unshielded	DeviceNet Safety, panel mount	DeviceNet connection	6030808

- **Connection type head A:** female connector, M8, 4-pin, angled
- **Connection type head B:** male connector, M12, 4-pin, straight

Cable	Description	Application	Type	Part no.
5 m, 4-wire, PUR, halogen-free	Unshielded	Zones with oils and lubricants, Drag chain operation	DSL-8204-B05MC	6039182

- **Connection type head A:** female connector, M12, 10-pin, straight
- **Connection type head B:** male connector, M12, 10-pin, straight
- **Description:** unshielded

Cable	Application	Type	Part no.
10 m, 10-wire	Zones with chemicals	YFHRS-100XXXMHRS-100	6033614
2 m, 10-wire	Zones with chemicals, Drag chain operation	YFHRS-020XXXMHRS-020	6028943
5 m, 10-wire	Zones with chemicals, Robot	YFHRS-050XXXMHRS-050	6028944

- **Connection type head A:** male connector, M12, 5-pin
- **Connection type head B:** Flying leads

Cable	Description	Note	Type	Part no.
2 m, PVC	Unshielded	DeviceNet Safety connection	DeviceNet cable	6030920

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Power
- **Description:** Power, shielded
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
10 m, 4-wire, PUR, halogen-free	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2Z15-100UE1XLEAX	6042565
20 m, 4-wire, PUR, halogen-free		YF2Z15-200UE1XLEAX	6042564
5 m, 4-wire, PUR, halogen-free	–	YF2A64-050XXXLEAX	6036159
5 m, 5-wire, PUR, halogen-free	Zones with oils and lubricants, Drag chain operation	DOL-1205-G05MAC	6036384

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
2 m, 4-wire, PUR, halogen-free	DSL-8204-G02MC	6025919
5 m, 4-wire, PUR, halogen-free	DSL-8204-G05MC	6039181

- **Connection type head A:** female connector, M12, 7-pin, straight, SICK-coded
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Note:** extension cable S300 Mini Remote

Cable	Type	Part no.
10 m, 8-wire	DOL-1SS2G10ME15KM3	6042340
15 m, 8-wire	DOL-1SS2G15ME15KM3	6042341
2.5 m, 8-wire	DOL-1SS2G2M5E15KM3	6042337
20 m, 8-wire	DOL-1SS2G20ME15KM3	6042342
5 m, 8-wire	DOL-1SS2G5M0E15KM3	6042338
7.5 m, 8-wire	DOL-1SS2G7M5E15KM3	6042339

- **Connection type head A:** female connector, RJ16, 7-pin, straight

Description	Type	Part no.
Unshielded	DOS-2606-G	6004194

- **Connection type head A:** male connector, D-Sub
- **Connection type head B:** male connector

Cable	Description	Note	Type	Part no.
2 m	Shielded	Cable splitter 1:3, 12-pin round plug on 9-pin D Sub male connector (synchronization), 9-pin D Sub female connector (RS 232) and 9-pin D Sub female connector (CAN, reserved)	YM2Z1B-020XXXXSAB	2049831

- **Connection type head A:** male connector, M12, 5-pin, straight

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Shielded	Screw-type terminals	≤ 0.75 mm²	Field-signal connection	Male connector	6024741

- **Connection type head A:** male connector, BNC
- **Connection type head B:** male connector, BNC

Cable	Description	Note	Type	Part no.
0.5 m	Unshielded	For keyboard wedge	YM2Z12-C50XXXM2Z12	6037103

- **Connection type head A:** female connector, M12, 5-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Power, I/O

Cable	Description	Connection systems	Application	Type	Part no.
2 m, 5-wire, PUR, halogen-free	Power, unshielded I/O	Flying leads	Zones with oils and lubricants, Drag chain operation	DOL-1205-W02MC	6025909

- **Connection type head A:** female connector, DIN 43652, 8-pin, angled

Description	Type	Part no.
Unshielded	DOS-2707-W	2007901

- **Connection type head A:** terminal connector, 5-pin
- **Items supplied:** with screw flange
- **Description:** unshielded
- **Connection systems:** spring terminal
- **Permitted cross-section:**  $\leq 3 \text{ mm}^2$

Note	Type	Part no.
Double entry, DeviceNet Safety connection	Terminal connector	6030816
Single entry, DeviceNet Safety connection	Terminal connector	6030817

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, RJ45, 9-pin, straight
- **Signal type:** Ethernet

Cable	Description	Type	Part no.
3 m	Ethernet, shielded	YM2Z1C-030XXMHRS8	6032509

- **Connection type head A:** terminal connector, 4-pin
- **Items supplied:** key inserts and instructions

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Spring terminal	$\leq 2.5 \text{ mm}^2$	Pluggable, DeviceNet Safety connection	Terminal connector	6030815

- **Connection type head A:** male connector, M12, 5-pin, angled, B-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFIBUS DP
- **Description:** PROFIBUS DP, twisted pair, shielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
10 m, 2-wire, PUR, halogen-free	STL-1205-W10MQ	6041427
5 m, 2-wire, PUR, halogen-free	STL-1205-W05MQ	6041426

## Other connectors and cables

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** Ethernet

Cable	Description	Type	Part no.
10 m	Ethernet, shielded	YMHDAC-100XXXXHRSX	6036683

- **Connection type head A:** MOLEX 43025-14P
- **Connection type head B:** Flying leads
- **Cable:** 14-wire

Type	Part no.
Connecting cable, 14-pin	6068472
Spare power connection cable	6068473

- **Connection type head A:** MOLEX 43025-20P
- **Connection type head B:** Flying leads

Cable	Type	Part no.
20-wire	Connecting cable, 20-pin	6068471

- **Connection type head A:** Flying leads, D-Sub-HD, female connector, cable
- **Connection type head B:** plug housing, D-Sub-HD
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with EEPROM parameter store

Cable	Description	Application	Type	Part no.
0.8 m	Power, shielded Serial CAN Digital I/Os	Cold bending resistant	Cover for male connector	2061409

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	YM2A28-100UA6XLEAX	6036156
20 m, 8-wire, PUR, halogen-free	YM2A28-200UA6XLEAX	6036157
5 m, 8-wire, PUR, halogen-free	YM2A28-050UA6XLEAX	6036155

- **Connection type head A:** female connector, M12, 3-pin, straight
- **Connection type head B:** male connector, M12, 3-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, PUR, halogen-free	DSL-1203-G0M6C	6025922



Cable	Type	Part no.
2 m, PUR, halogen-free	DSL-1203-G02MC	6025923

- **Connection type head A:** female connector, D-Sub, 9-pin
- **Connection type head B:** male connector, D-Sub, 9-pin
- **Signal type:** RS-232

Cable	Description	Note	Type	Part no.
3 m	RS-232, shielded	For the connection of PCs of LMS/LMI	YF2Z19-030XXM2Z19	2016401
	RS-232, unshielded	For LD-Peco 5.5 and 15	Connection cable (male connector - female connector)	2013568
5 m	RS-232, shielded	For the connection of PCs of LMS/LMI	Interface cable	2016402

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** RS-232, RS-422
- **Description:** RS-232, shielded, RS-422
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
20 m, 8-wire	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-200UA6XLEAX	6036154
5 m, 8-wire	–	Connecting cable (female connector - open)	6036153

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-422 TTL

Cable	Description	Note	Application	Type	Part no.
2.4 m, straightened cable	RS-422 TTL, unshielded	Voltage on pin 9 (42203758-03S	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	RS-232 cable	6028186

- **Connection type head A:** male connector, safety plug
- **Connection type head B:** Flying leads
- **Signal type:** Power

Cable	Description	Note	Type	Part no.
2 m	Power, unshielded	For CMP400 and CMP490	Connecting cable (plug-open)	6007655

- **Connection type head A:** cable
- **Connection type head B:** Flying leads
- **Items supplied:** by the meter
- **Description:** shielded

Cable	Connection systems	Note	Type	Part no.
15-wire, AWG28	Flying leads	Data cable for extension up to 3 m	Data cable for extensions	6010088
4-wire, 2 x 2 wires, twisted pairs, suitable for use outdoors	Flying leads	–	Cable (open-open)	6011103
4-wire, twisted pair	Flying leads	For RS-485 network	Data cable by the meter	6007508
6-wire, twisted pair, PUR	–	Fitting for EFI connections	Connecting cable	6020500

- **Connection type head A:** female connector, 7/8", 4-pin, straight

Description	Connection systems	Note	Type	Part no.
Unshielded	Screw-type terminals	Auxiliary power supply	Female connector for auxiliary power supply	6030803

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** serial

Cable	Description	Type	Part no.
3 m, 3-wire	Serial, unshielded	YFDSA9-030XXXXLEBX	2020319

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Type	Part no.
3 m, 15-wire	Shielded	YFHDA9-030XXXXLEBX	2020303

- **Connection type head A:** female connector, 7/8", 5-pin

Description	Note	Type	Part no.
Unshielded	DeviceNet Safety, panel mount	DeviceNet connection	6030807

- **Connection type head A:** female connector, round socket, 4-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Connection systems:** Flying leads
- **Application:** Zones with chemicals, Uncontaminated zones

Cable	Type	Part no.
20 m	YM2Z14-200VA4M2Z12	2049825
2 m	YM2Z14-020VA4M2Z12	2049823
8 m	YM2Z14-080VA4M2Z12	2049824

- **Connection type head A:** female connector, Mini-DIN, male connector, Mini-DIN
- **Connection type head B:** male connector, RJ45
- **Signal type:** PS/2
- **Description:** PS/2, unshielded

Cable	Type	Part no.
2 m, straightened cable	Connection cable	6036726
		6045194
3 m, coiled cable	Connection cable (male connector-male connector)	6039155
	Connection cable (male connector - female connector)	6045231

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, 4-wire	YF2A64-100XXXLEAX	6036160
20 m, 4-wire	YF2A64-200XXXLEAX	6036161

- **Connection type head A:** male connector, round plug, 12-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** CAN/CANopen
- **Description:** CAN/CANopen, shielded
- **Note:** for LD-MRS

Cable	Type	Part no.
2 m	YM2Z1B-020XXXFDSA9	2054647
8 m	YM2Z1B-080XXXFDSA9	2054648

- **Connection type head A:** female connector, M26, 7-pin, angled

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Crimp contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	7 crimping contacts enclosed	DOS-0607W000GA3KU0	6006613

- **Connection type head A:** male connector, 50-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Type	Part no.
3 m, 50-wire, PVC	Shielded	Flying leads	In- and output expansion cable for AOD5-P/N1 (OD Precision)	IO-EXP-AOD5	6035990

- **Connection type head A:** male connector, Harting male connector, 20-pin, angled

Description	Type	Part no.
Shielded	Male connector (ready to assemble)	2039025

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** RS-422 TRUE
- **Description:** RS-422 TRUE, unshielded

Cable	Note	Type	Part no.
2.3 m, coiled cable	Including Mini DIN power steal- er 0.7 m (42205895-01)	Connection cable (male connector - female connector)	6028233
2.4 m, coiled cable	Additional power supply unit required (42204253-04E)		6010819
4.5 m, coiled cable	Voltage on pin 9 (42203758-03S)		6025228
6.8 m, coiled cable	Additional power supply unit required (42204253-22E)		6025956

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Description:** shielded

Cable	Type	Part no.
2 m, 15-wire	YFHDAC-020XXXMHDAC	2103280
3 m, 15-wire	YFHDAC-030XXXMHDAC	6020092

- **Connection type head A:** female connector, D-Sub, 12-pin, straight
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** RS-422 TTL

Cable	Description	Note	Type	Part no.
2.4 m, coiled cable	RS-422 TTL, unshielded	Voltage on pin 9 (42203758-03S)	Connection cable (male connector - female connector)	6026514

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Power, serial, CANopen, digital I/Os

Cable	Description	Type	Part no.
2 m, 15-wire, AWG26	Power, shielded Serial CANopen Digital I/Os	YFHDAC-020VD5XLEAX	2043413

- **Connection type head A:** female connector, 7/8", 5-pin, straight

Description	Connection systems	Note	Type	Part no.
Unshielded	Screw-type terminals	With screw lock, voltage supply	Female connector	6024745

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** RS-232

Cable	Description	Connection systems	Note	Type	Part no.
3 m, 3-wire, PVC	RS-232, shielded	Flying leads	SAH RS-232 cable	SAH RS-232 cable, 3 m	1014268

- **Connection type head A:** 16-pin

Description	Note	Type	Part no.
Unshielded	For connection plug of the laser scanner	16-pin plug insert (female connector)	6004379

- **Connection type head A:** female connector, ODU, 14-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Type	Part no.
5 m, 7-wire, PVC	Unshielded	Flying leads	Power and I/O cable	SAH power & I/O cable, male cable connector, 5 m	1014345

- **Connection type head A:** female connector, BNC, straight
- **Connection type head B:** male connector, TNC, straight

Cable	Description	Type	Part no.
0.35 m	Unshielded	Connection cable (male connector - female connector)	2046653

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded

Cable	Type	Part no.
1.5 m, 5-wire, PUR, halogen-free	DOL-1205-G1M5ACSCO	6049451
10 m, 5-wire, PUR, halogen-free	DOL-1205-G10MACSCO	6049454
3 m, 5-wire, PUR, halogen-free	DOL-1205-G03MACSCO	6049452
5 m, 5-wire, PUR, halogen-free	DOL-1205-G05MACSCO	6049453

- **Connection type head A:** female connector, stranded wire, 15-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Note	Type	Part no.
0.2 m, 15-wire	Unshielded	Strain relief	DOL-OJ15-G0M2XBA	2051662

- **Connection type head A:** female connector, round plug, 8-pin, straight
- **Items supplied:** contained in the scope of delivery of the system

Description	Type	Part no.
Shielded	Female connector	6024722

- **Connection type head A:** male connector, ODU, 14-pin, straight

Description	Type	Part no.
Unshielded	ODU male connector	1014261

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable, Power
- **Description:** Sensor/actuator cable, shielded, Power

Cable	Type	Part no.
1.5 m, 5-wire, PUR, halogen-free	DOL-1205-W1M5ACSCO	6049455
10 m, 5-wire, PUR, halogen-free	DOL-1205-W10MACSCO	6049458
3 m, 5-wire, PUR, halogen-free	DOL-1205-W03MACSCO	6049456
5 m, 5-wire, PUR, halogen-free	DOL-1205-W05MACSCO	6049457

- **Connection type head A:** female connector, M12, 5-pin, angled, B-coded
- **Connection type head B:** Flying leads
- **Signal type:** PROFIBUS DP

Cable	Description	Application	Type	Part no.
5 m, 2-wire, PUR, halogen-free	PROFIBUS DP, twisted pair, shielded	Zones with oils and lubricants, Drag chain operation	DOL-1205-W05MQ	6041423

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight

Cable	Description	Type	Part no.
0.2 m	Shielded	YM2Z19-C20XXXFHSAC	6032507

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Items supplied:** JST including sealing
- **Description:** SSI, shielded

Cable	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	DOL-0J08-G0M5AA6	2048589
10 m, 8-wire, PUR, halogen-free	DOL-0J08-G10MAA6	2048594
5 m, 8-wire, PUR, halogen-free	DOL-0J08-G5M0AA6	2048593

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI, Incremental
- **Items supplied:** JST including sealing
- **Description:** SSI, shielded, Incremental

Cable	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	DOL-0J08-G1M5AA6	2048590
3 m, 8-wire, PUR, halogen-free	DOL-0J08-G3M0AA6	2048591

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Signal type:** Power, serial, CAN, digital I/Os

Cable	Description	Type	Part no.
3 m, 15-wire, AWG26	Power, shielded Serial CAN Digital I/Os	Extension cable (male connector - female connector)	6034418

- **Connection type head A:** female connector, M16, 8-pin, straight
- **Connection type head B:** female connector, D-Sub, 15-pin, straight
- **Signal type:** SSI

Cable	Description	Note	Type	Part no.
10 m, 4-wire, PVC	SSI, shielded	SSI cable for DME4000 / DME5000, With separate cables for SSI and voltage, SIEMENS Sub-D male connector ready to assemble	YF16A8-100XXFHSAC	6033752

- **Connection type head A:** female connector, round plug, 15-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** RS-232
- **Items supplied:** not contained in the scope of delivery of the system

Cable	Description	Note	Type	Part no.
10 m	RS-232, shielded	For connecting NAV200 system and a vehicle	Connection cable (male connector - female connector)	2043664

- **Connection type head A:** female connector, round plug, 9-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** RS-232
- **Items supplied:** not contained in the scope of delivery of the system

Cable	Description	Note	Type	Part no.
6.5 m	RS-232, shielded	For connecting NAV200 system and a vehicle	Connection cable (male connector - female connector)	2030334

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Incremental, SSI
- **Items supplied:** JST including sealing
- **Description:** Incremental, shielded, SSI

Cable	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	DOL-0J08-G0M5AA3	2046873
10 m, 8-wire, PUR, halogen-free	DOL-0J08-G10MAA3	2046877
5 m, 8-wire, PUR, halogen-free	DOL-0J08-G05MAA3	2046876

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Incremental
- **Items supplied:** JST including sealing
- **Description:** Incremental, shielded

Cable	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	DOL-0J08-G1M5AA3	2046874
3 m, 8-wire, PUR, halogen-free	DOL-0J08-G03MAA3	2046875

- **Connection type head A:** female connector, M12, 5-pin, angled
- **Connection type head B:** male connector, M16, 8-pin, straight
- **Signal type:** PROFIBUS DP

Cable	Description	Note	Application	Type	Part no.
0.4 m, 4-wire, PVC	PROFIBUS DP, unshielded	PROFIBUS adapter cable DME4000 / DME5000 to DL100 Hi	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-C60UB3M2Z18	2062595

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** male connector, M16, 8-pin, straight
- **Signal type:** RS-422, SSI

Cable	Description	Note	Type	Part no.
0.4 m, 8-wire, PUR, halogen-free	RS-422, shielded SSI	DME4000/ DME5000 to DL100 SSI/RS-422 adapter cable	YG2Z18-C60XXXM2Z18	2062563

- **Connection type head A:** female connector, M14, 7-pin, A-coded
- **Signal type:** PROFIBUS DP
- **Items supplied:** Sales kit includes:  
2 pcs. male connector M14, 7-pin (6027535)  
1 pc. female connector M14, 7-pin (6027536)

Description	Note	Type	Part no.
PROFIBUS DP, unshielded	Set of connectors	DSC-1507-G	2029199

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** male connector, M16, 12-pin, straight
- **Signal type:** RS-422, SSI

Cable	Description	Note	Type	Part no.
0.4 m, 8-wire, PUR, halogen-free	RS-422, shielded SSI	DME3000 to DL100 SSI / RS-422 adapter cable	YG2Z18-C60XXXM2Z1B	2061596



- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Description	Application	Type	Part no.
2 m, 4-wire, PVC	Unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-020UA4M2XX8	6042080

- **Connection type head A:** female connector, M12, 17-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Power
- **Description:** Power, silicone-free, shielded, free of paint wetting impairment substances
- **Note:** With fuse (1A) and green LED in the male connector., For connecting a 4Dpro sensor, 17-pin, to a connection clip (part no. 6022472) and flat ribbon cable (part no. 6022463)
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1 m, PUR	YM2A24-010UA4F2A2D	6044574
2.5 m, PUR	YM2A24-025UA4F2A2D	6044575

- **Connection type head A:** female connector, M16, 8-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** PROFIBUS DP

Cable	Description	Note	Type	Part no.
4-wire	PROFIBUS DP, unshielded	Adapter cable	YF16A8-C10XXM2A44	6034800

- **Connection type head A:** female connector, terminal box, 8-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** SSI + incremental

Cable	Description	Note	Type	Part no.
0.5 m, 4-wire, PVC	SSI + incremental, shielded	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-0D08-G0M5AC3	2061739

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Power
- **Description:** Power, silicone-free, shielded, free of paint wetting impairment substances
- **Note:** With fuse (1A) and green LED in the male connector., For connecting a 4Dpro sensor, 12-pin, to a connection clip (part no. 6022472) and flat ribbon cable (part no. 6022463)
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1 m, PUR	YM2A24-010UA4F2A2B	6044572
2.5 m, PUR	YM2A24-025UA4F2A2B	6044573

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 12-pin, straight
- **Signal type:** RS-422
- **Description:** RS-422, shielded
- **Note:** OD Precision specific

Cable	Type	Part no.
10 m, 12-wire, twisted pair, PVC	YFHRSB-100XXXMHRSB	6045158
20 m, 12-wire, twisted pair, PVC	YFHRSB-200XXXMHRSB	6045159
2 m, 12-wire, twisted pair, PVC	YFHRSB-020XXXMHRSB	6035986
5 m, 12-wire, twisted pair, PVC	YFHRSB-050XXXMHRSB	6035987

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** SSI + incremental, SSI + Sin/Cos

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	SSI + incremental, shielded SSI + Sin/Cos	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-3D08-G0M5AC4	2059270

- **Connection type head A:** female connector, JST, 8-pin, straight
- **Connection type head B:** male connector, M23, 12-pin, straight
- **Signal type:** Incremental
- **Description:** Incremental, shielded

Cable	Type	Part no.
0.35 m, 8-wire, PUR, halogen-free	STL-2312-GM35AA3	2061621
1 m, 8-wire, PUR, halogen-free	STL-2312-G01MAA3	2061622
2 m, 8-wire, PUR, halogen-free	STL-2312-G02MAA3	2061504

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** Power
- **Items supplied:** by the meter
- **Note:** For use with connection clip 6022472

Cable	Description	Type	Part no.
2-wire, PUR	Power, Silicone-free, for dynamic applications, unshielded	Actuator Sensor Interface, LTGE-MW	6061897
2-wire, Vulcanized Rubber	Power, unshielded	Actuator Sensor Interface, LTGE-MW	6022463

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** PROFIBUS DP
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
2-wire, PUR	PROFIBUS DP, shielded	LTG-2102-MW	6021355

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** CANopen, DeviceNet™
- **Items supplied:** by the meter

Cable	Description	Note	Type	Part no.
4-wire, twisted pair	CANopen, shielded DeviceNet™	Wire shield Al-Pt film, overall shield C-screen tin-plated	LTG-2804-MW	6028328

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Items supplied:** by the meter

Cable	Description	Note	Type	Part no.
8-wire, twisted pair, PUR, halogen-free	HIPERFACE®, shielded	For DME with HIPERFACE® Interface	LTG-3108-MW	6032456

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** Flexi Link
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
4-wire, twisted pair, PVC	Flexi Link, shielded	Flexi Link cable	6034249

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** CANopen
- **Items supplied:** by the meter

Cable	Description	Connection systems	Type	Part no.
4-wire, twisted pair	CANopen, shielded	Flying leads	UNITRONIC® CAN cable	6027048

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Items supplied:** by the meter

Cable	Description	Connection systems	Note	Type	Part no.
8-wire, twisted pair, not for drag chain use, PUR	SSI, shielded	Flying leads	SSI cable	LTG-2308-MW	6026292

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** SSI, Incremental, HIPERFACE®
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
8-wire, PUR, halogen-free	SSI, shielded Incremental HIPERFACE®	LTG-2308-MWENC	6027529

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** SSI, Incremental
- **Items supplied:** by the meter
- **Description:** SSI, shielded, Incremental

Cable	Type	Part no.
11-wire, PUR	LTG-2411-MW	6027530
12-wire, PUR, halogen-free	LTG-2512-MW	6027531

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** SSI, TTL, HTL, Incremental
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
12-wire, UV and saltwater-resistant, PUR, halogen-free	SSI, shielded TTL HTL Incremental	LTG-2612-MW	6028516

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** parallel
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
22-wire, PUR, halogen-free	Parallel, shielded	LTG-2622-MW	6027532

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®, HIPERFACE®
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
8-wire, PUR, halogen-free	HIPERFACE®, shielded HIPERFACE®	LTG-2708-MW	6028361

- **Connection type head A:** Flying leads
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE DSL®
- **Items supplied:** by the meter

Cable	Description	Type	Part no.
4-wire, UV and salt-water-resistant, PUR	HIPERFACE DSL®, shielded	LTG-3104-MW	6044358

- **Connection type head A:** MOLEX 43025-4P/6P
- **Connection type head B:** Flying leads

Type	Part no.
4- and 6-pin connecting cable	6066260

- **Connection type head A:** female connector, terminal box, 8-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** CANopen

Cable	Description	Type	Part no.
0.4 m	CANopen, shielded	DDL-0D04-G0M5BC9	2083355

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** Analog

Cable	Description	Note	Type	Part no.
0.5 m	Analog, shielded	Programming adapter cable for programming tool PGT-12-Pro	DDL-2D05-G0M5BC8	2083831

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** CANopen

Description	Note	Type	Part no.
CANopen, shielded	Programming adapter cable for programming tool PGT-12-Pro	DDL-2D05-G0M5BC9	2083805

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** Incremental

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire	Incremental, shielded	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-2D08-G0M5AC3	2046579

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** Incremental

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire	Incremental, shielded	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-3D08-G0M5AC3	2046580

- **Connection type head A:** female connector, MS/10, 10-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** Incremental

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	Incremental, shielded	Programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-4D08-G0M5AC5	2067176

- **Connection type head A:** MOLEX 43025, 4-pin, straight
- **Connection type head B:** USB 2.0

Type	Part no.
Configuration cable (USB 2.0, MOLEX 43025-4P)	6066258

- **Connection type head A:** MOLEX 43025, 6-pin, straight
- **Connection type head B:** USB 2.0

Type	Part no.
Configuration cable (USB 2.0, MOLEX 43025-6P)	6066259

- **Connection type head A:** male connector, USB-A, straight
- **Connection type head B:** female connector, USB-A, straight
- **Signal type:** USB

Cable	Description	Note	Type	Part no.
10 m, 4-wire	USB, unshielded	Used to extend the USB interface by 10 m. The cable can be extended up to 20 m by plugging in another 10 m extension.	USB extension cable, repeater	6069292

- **Connection type head A:** 9-pin
- **Connection type head B:** 9-pin
- **Cable:** 10 m

Type	Part no.
Connection cable	6026308
	6026309

- **Connection type head A:** male connector, USB-A, straight
- **Connection type head B:** male connector, Mini-USB, straight
- **Signal type:** USB
- **Description:** USB, shielded
- **Note:** for connecting the configuration connection to the USB interface on the PC

Cable	Type	Part no.
3 m, 4-wire	Connection cable (male connector-male connector)	6042517
5 m, 4-wire		6053566

- **Connection type head A:** female connector, M12, 8-pin
- **Connection type head B:** female connector, D-Sub, 15-pin
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
0.46 m, 6-wire, PVC	Sensor/actuator cable, shielded	YF2A26-C50S01FDSB6	2141182

- **Connection type head A:** female connector, HRS, 6-pin
- **Connection type head B:** male connector, USB
- **Signal type:** RS-485

Cable	Description	Type	Part no.
1.8 m, 6-wire, PVC	RS-485	YFHRS6-018VD3MUSA4	6053020

- **Connection type head A:** male connector, USB, 5-pin
- **Connection type head B:** male connector, M12
- **Signal type:** USB 2.0

Cable	Description	Type	Part no.
3 m	USB 2.0, unshielded	YM2Z15-030XXXMUSAX	2079580

- **Connection type head A:** male connector, M8, 4-pin, straight
- **Connection type head B:** male connector, USB-A, 4-pin, straight
- **Signal type:** USB 2.0
- **Description:** USB 2.0, shielded

Cable	Type	Part no.
1.5 m, 4-wire, PVC	YM8U24-015VG3MUSA	6051163
2 m, PVC	YM8U24-020VG3MUSA	6051164
3 m, 4-wire, PVC	YM8U24-030VG3MUSA	6051165

- **Connection type head A:** male connector, USB-C, 4-pin, straight
- **Connection type head B:** male connector, USB-A, 4-pin, straight

Cable	Type	Part no.
2 m, PVC	YMUSA4-020VG5MUSC4	2119989

- **Connection type head A:** male connector, Micro-B, 4-pin, straight
- **Connection type head B:** male connector, USB-A, 4-pin, straight
- **Signal type:** USB 2.0

Cable	Description	Type	Part no.
2 m, 4-wire	USB 2.0, unshielded	USB cable	6036106
5 m, 4-wire, PVC	USB 2.0, shielded	YMUSA4-050VG4MUIA4	2118400

- **Connection type head A:** male connector, round plug, 4-pin, angled
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
8 m	Ethernet, shielded	Connects the Ethernet interface of the LD-MRS to the Ethernet interface of the PC	YN2Z14-080EC3MRJA8	2067517

- **Connection type head A:** male connector, M8, 4-pin, straight
- **Connection type head B:** male connector, USB-A, straight
- **Description:** unshielded

Cable	Type	Part no.
10 m, 4-wire, PVC	DSL-8U04G10M025KM1	6034575
2 m, 4-wire, PVC	DSL-8U04G02M025KM1	6034574

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
2 m	Sensor/actuator cable, unshielded	Rectangular plug-in system, parameterization cable	Zones with chemicals, Uncontaminated zones	YF8U14-020VA3FDSA9	2023695

- **Connection type head A:** female connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, M8, 4-pin, straight
- **Description:** unshielded

Cable	Type	Part no.
10 m, PVC	DSL-8D04G10M025KM1	2027649
2 m, PVC	DSL-8D04G02M025KM1	6021195

- **Signal type:** RS-232, RS-422

Cable	Description	Note	Type	Part no.
5 m	RS-232, unshielded RS-422	Configuration cable pre-assembled for RS-232, for the connection of PCs/power supply	Service cable	2019561



- **Connection type head A:** male connector, round plug, 4-pin, straight
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** Ethernet
- **Description:** Ethernet, shielded
- **Note:** Connects the Ethernet interface of the LD-MRS to the Ethernet interface of the PC

Cable	Type	Part no.
20 m	YM2Z14-200EC3MRJA8	2049828
8 m	YM2Z14-080EC3MRJA8	2049827

- **Connection type head A:** female connector, Molex
- **Connection type head B:** male connector, D-Sub, 9-pin

Cable	Description	Note	Type	Part no.
3 m	Unshielded	For LD-Peco 5.5 and 15	YX2Z19-030XXXMDSA9	2031372

- **Connection type head A:** male connector, Harting male connector, 20-pin, angled
- **Connection type head B:** male connector, D-Sub, 15-pin, straight
- **Signal type:** RS-232

Cable	Description	Note	Type	Part no.
3 m	RS-232, shielded	For keyboard wedge	Connection cable (male connector-male connector)	6032770

- **Connection type head A:** male connector, round plug, straight
- **Connection type head B:** male connector, RJ45, straight
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
2 m	Ethernet, shielded	Connects the Ethernet interface of the LD-MRS to the Ethernet interface of the PC	YM2Z14-020EC3MRJA8	2049826

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** female connector, D-Sub, 9-pin, straight
- **Signal type:** RS-232

Cable	Description	Note	Type	Part no.
3 m, 3-wire	RS-232, shielded	For PC connection	YF2Z1C-030XXXF2Z19	6032508

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** SSI

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	SSI, shielded	Suitable for use with SSI interfaces, not suitable for use with SSI + Incremental interface or SSI + Sin/Cos., programming adapter cable for program-	DSL-2D08-G0M5AC2	2048439

Cable	Description	Note	Type	Part no.
		ming tool PGT-10-Pro and PGT-08-S		

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, D-Sub, 9-pin, straight
- **Signal type:** SSI

Cable	Description	Note	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	SSI, shielded	Suitable for use with SSI interfaces, not suitable for use with SSI + Incremental interface or SSI + Sin/Cos., programming adapter cable for programming tool PGT-10-Pro and PGT-08-S	DSL-3D08-G0M5AC2	2048440

- **Connection type head A:** female connector, 6-pin, angled, DC-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Type	Part no.
10 m, PVC	DOL-1306-W10M	6030220
2 m, PVC	DOL-1306-W02M	6030217
3 m, PVC	DOL-1306-W03M	6030218
5.5 m, PVC	DOL-1306-W5M5	6030219

- **Connection type head A:** female connector, 6-pin, angled, AC/UC-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Type	Part no.
10 m, PVC	DOL-1406-W10	6030224
2 m, PVC	DOL-1406-W02M	6030221
3 m, PVC	DOL-1406-W03M	6030222
5.5 m, PVC	DOL-1406-W05M5	6030223

- **Connection type head A:** female connector, 1/2"-20, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable
- **Connection systems:** Flying leads

Cable	Type	Part no.
10 m, 4-wire, PVC	KA24-SIF2210	6053107
2 m, 4-wire, PVC	KA24-SIF22	7023591
5 m, 4-wire, PVC	KA24-SIF225	6061173

- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, Pin 2 and pin 4 swapped over, unshielded	Zones with oils and lubricants, Drag chain operation	YF2A13-C60S02M8U13	2124514
10 m, 3-wire, PVC	Sensor/actuator cable, Without label tag, unshielded	Zones with chemicals	YF2A13-100S01M8U13	2115392
1 m, 3-wire, PVC		Zones with chemicals	YF2A13-010S01M8U13	2115386
2 m, 3-wire, PVC		Zones with chemicals	YF2A13-020S01M8U13	2115388
3 m, 3-wire, PVC		Zones with chemicals	YF2A13-030S01M8U13	2115389
5 m, 3-wire, PVC		Zones with chemicals	YF2A13-050S01M8U13	2115390
7 m, 3-wire, PVC		Zones with chemicals	YF2A13-070S01M8U13	2115391

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 4-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	YF2A14-C50UJ2M2A14	2121301
10 m, 4-wire, PUR, halogen-free	YF2A14-100UJ2M2A14	2121294
1 m, 4-wire, PUR, halogen-free	YF2A14-010UJ2M2A14	2121300
2 m, 4-wire, PUR, halogen-free	YF2A14-020UJ2M2A14	2121299
5 m, 4-wire, PUR, halogen-free	YF2A14-050UJ2M2A14	2121295

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Zones with oils and lubricants	YF2A2B-050S01M2D24	2119377

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Drag chain operation

Cable	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	YF8U13-C60S01M8U13	2145818
10 m, 3-wire, PUR, halogen-free	YF8U13-100S01M8U13	2112853
1 m, 3-wire, PUR, halogen-free	YF8U13-010S01M8U13	2145790
2 m, 3-wire, PUR, halogen-free	YF8U13-020S01M8U13	2112849
5 m, 3-wire, PUR, halogen-free	YF8U13-050S01M8U13	2112850

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, Without label tag, unshielded
- **Application:** Zones with chemicals

Cable	Type	Part no.
10 m, 3-wire, PVC	YF8U13-100S02M8U13	2115364
1 m, 3-wire, PVC	YF8U13-010S02M8U13	2115359
2 m, 3-wire, PVC	YF8U13-020S02M8U13	2115360
3 m, 3-wire, PVC	YF8U13-030S02M8U13	2115361
5 m, 3-wire, PVC	YF8U13-050S02M8U13	2115362
7 m, 3-wire, PVC	YF8U13-070S02M8U13	2115363

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1.5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, ferule, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-015UB1XLEBX	2119766

- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 4-wire, PUR, halogen-free	YG2A14-100UJ2XLEAX	2116488
20 m, 4-wire, PUR, halogen-free	YG2A14-200UJ2XLEAX	2116489

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
0.2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YM2A18-C20S01F8U14	6079404

- **Connection type head A:** male connector, M12, 8-pin, straight, X-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** Fieldbus

Cable	Description	Application	Type	Part no.
5 m, 8-wire, PUR, halogen-free	Fieldbus, shielded	Zones with oils and lubricants	YM2X18-050EF5M2D24	2122717

- **Connection type head A:** male connector, M8, 4-pin, angled
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Note	Type	Part no.
3 m, PUR, halogen-free	Unshielded	Flying leads	For connecting the configuration connection of a PLC	Connection cable	6036342

- **Connection type head A:** female connector, 7/8", 5-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Type	Part no.
30 m, 5-wire	Shielded	Flying leads	Connecting cable (female connector - open)	6045327

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M18, 4-pin, straight

Cable	Type	Part no.
4-wire	DSC-18-2-GX	2032837

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** male connector, M12, 4-pin, straight
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
4-wire	Ethernet, unshielded	Connection cable, extension cable 1:1, shielded, for TTK70 inspector	EtherNet/IP adapter	2044264

- **Connection type head A:** female connector, M12, 4-pin, D-coded
- **Connection type head B:** female connector, RJ45, 8-pin
- **Signal type:** Ethernet

Cable	Description	Note	Type	Part no.
CAT5, CAT5e	Ethernet, shielded	Cabinet through	Feedthrough female connector Ethernet RJ45	6048180

- **Items supplied:** 10 pieces

Type	Part no.
CABLE SLEEVE PULL-ON FASTENER TP D 4.0-6.5 *30LG	5340298

- **Items supplied:** 19 pieces

Type	Part no.
LABEL PLATE 4*18 MM / LABELED FASTENER	5340300

- **Connection type head A:** M12
- **Items supplied:** 10 pieces

Description	Note	Type	Part no.
Unshielded	Used to minimize cable tampering. A cable sheath provides visible indication when the cable has been removed or changed.	Cable housing/cover	5315186

- **Connection type head A:** M8
- **Items supplied:** 10 pieces

Description	Note	Type	Part no.
Unshielded	Used to minimize cable tampering. A cable sheath provides visible indication when the cable has been removed or changed.	Cable housing/cover	5320729

- **Connection type head A:** male connector, M8, 4-pin, straight, B-coded
- **Description:** terminal resistor FlexChain

Type	Part no.
M8 4-PIN BUS CONNECTION MALE CONNECTOR	2119481
M8 4-PIN MALE BUS CONNECTION PLUG	4092950

- **Connection type head A:** male connector, M12, 8-pin, straight

Description	Note	Type	Part no.
Pre-assembled, unshielded	For deactivation of the integrated restart interlock	STE-1208G000025KM1	6021238

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** CANopen, DeviceNet™
- **Description:** CANopen, DeviceNet™

Note	Type	Part no.
–	YM2W15-000000XXXXX	2123627
Terminating plug with a 120 Ω resistor for the last sensor in the system	Terminator	6073830

- **Connection type head A:** male connector, D-Sub-HD, 9-pin, 15-pin

Description	Type	Part no.
Unshielded	D-Sub male connector housing	6009438

- **Connection type head A:** M12

Description	Note	Application	Type	Part no.
–	–	–	BEF-EA-M12-S	2117513

Description	Note	Application	Type	Part no.
Unshielded	For EFI connections and incremental encoders, EMC proof	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	M12 gland	5308757
	For EFI connections and incremental encoders, for quick and easy shield connection, EMC proof		M12 gland	5314772

- **Connection type head A:** male connector, M12, 4-pin, straight, B-coded
- **Signal type:** PROFIBUS DP

Description	Type	Part no.
PROFIBUS DP, terminal resistor	STE-END-Q	6021156

- **Connection type head A:** M16

Description	Application	Type	Part no.
Unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	M16 gland	5309163

- **Connection type head A:** M20
- **Description:** unshielded
- **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation

Note	Type	Part no.
–	M20 gland	5309164
For supply cables and signal cables	M20 gland	5318531
For supply cables and signal cables, EMC proof	M20 gland	5308762
For supply cables and signal cables, for quick and easy shield connection, EMC proof	M20 gland	5314774

- **Items supplied:** with integrated pressure compensation and terminal block

Note	Type	Part no.
Dimensions (W x D x H) 57 mm x 130 mm x 94 mm, for electrical connection of level probe LFH	ASK-CB-LFHPC0-0001	5324310

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with 15-pin D-Sub HD device male connector and 15-pin D-Sub HD device female connector

Description	Note	Type	Part no.
Power Serial CAN Digital I/Os	Plug housing	Cloning plug	2062450

- **Connection type head A:** male connector, M12, 17-pin, male connector, M12, 5-pin, female connector, M12, 4-pin
- **Signal type:** Power, Ethernet, serial, CAN, digital I/Os
- **Items supplied:** With three M12 round connectors (17-pin male connector, 4-pin Ethernet female connector, 5-pin CAN male connector)

Description	Note	Type	Part no.
Power Ethernet Serial CAN Digital I/Os	Plug housing I/O, Ethernet	Cloning plug	2062452

- **Connection type head A:** female connector, M12, 5-pin, female connector, M12, 5-pin, male connector, M12, 5-pin
- **Signal type:** Power, CAN
- **Items supplied:** with three M12 cylindrical connectors (5-pin male connector, 5-pin female connector, 5-pin AUX female connector)

Description	Note	Type	Part no.
Power CAN	Plug housing CAN IN/OUT	Cloning plug	2062453

- **Connection type head A:** male connector, M12, 5-pin, male connector, M12, 5-pin, female connector, M12, 5-pin
- **Signal type:** Power, CAN
- **Items supplied:** with three M12 cylindrical connectors (2 x 5-pin male connector, 5-pin AUX female connector)

Description	Note	Type	Part no.
Power CAN	Plug housing CAN redundant	Cloning plug	2062454

- **Connection type head A:** male connector, M12, 5-pin
- **Connection type head B:** female connector, M12, 5-pin
- **Signal type:** Power, CAN, Ethernet
- **Items supplied:** with three M12 cylindrical connectors (5-pin male connector, 5-pin female connector, 5-pin Ethernet)

Description	Note	Type	Part no.
Power CAN Ethernet	Plug housing CAN IN/OUT Ethernet	Cloning plug	2074708

- **Connection type head A:** male connector, M12, 5-pin
- **Connection type head B:** male connector, M12, 5-pin
- **Signal type:** Power, CAN, Ethernet
- **Items supplied:** with three M12 cylindrical connectors (2 x 5-pin male connector, 4-pin Ethernet)

Description	Note	Type	Part no.
Power CAN Ethernet	Plug housing CAN redundant	Cloning plug	2074710

- **Connection type head A:** terminal connector, 4-pin
- **Description:** unshielded

Connection systems	Permitted cross-section	Note	Type	Part no.
4 screw terminals	≤ 2.5 mm <sup>2</sup>	Single entry	Screw terminal connector	2045891



Connection systems	Permitted cross-section	Note	Type	Part no.
4 spring terminals	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	Double entry	Terminal plug spring	2045890
Screw-type terminals	≤ 2.5 mm <sup>2</sup>	Single entry	Screw terminal connector	6030951
Spring terminal	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	Double entry	Terminal plug spring	6034806

- **Connection type head A:** female connector, 7/8", 5-pin, straight
- **Signal type:** DeviceNet™, CANopen

Description	Permitted cross-section	Note	Type	Part no.
DeviceNet™, terminal resistor, shielded CANopen	≤ 1.5 mm <sup>2</sup>	For field bus technology	DOS-7805-GKEND	6028329

- **Connection type head A:** male connector, D-Sub-HD, 15-pin

Description	Connection systems	Type	Part no.
Unshielded	Solder connection	D-Sub plug connector insert	6010020

- **Connection type head A:** connection inlay (male connector), D-Sub, 9-pin

Description	Type	Part no.
Unshielded	D-Sub plug connector insert	6007336

- **Connection type head A:** female connector, D-Sub-HD, 15-pin

Description	Connection systems	Type	Part no.
Unshielded	Solder connection	D-Sub plug connector insert	6010019

- **Connection type head A:** female connector, 16-pin

Description	Type	Part no.
Unshielded	16-pin female connector	2018301

- **Connection type head A:** male connector, USB-A, female connector
- **Connection type head B:** male connector, RJ232, straight
- **Signal type:** USB

Cable	Description	Type	Part no.
2 m	USB, unshielded	Connection cable (male connector-male connector)	6033019

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD, 15-pin
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with plug housing and parameter store (EEPROM)
- **Description:** Power, unshielded, serial, CAN, digital I/Os

Cable	Type	Part no.
10 m	Cooling line	2031034

Cable	Type	Part no.
3 m	Cooling line	2030065

- **Connection type head A:** female connector, D-Sub-HD, 15-pin, straight, male connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os

Cable	Description	Type	Part no.
5 m, 13-/15-wire	Power, shielded Serial CAN Digital I/Os	Cover for male connector	2022884

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD, 15-pin
- **Connection type head B:** Flying leads
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with EEPROM parameter store, with 2 cables Ø 8 mm, each 3 m, each 15 x 0.14 mm<sup>2</sup>, shielded, open ends (isolated)

Cable	Description	Type	Part no.
3 m	Power, unshielded Serial CAN Digital I/Os	Cover for male connector	2020981

- **Connection type head A:** male connector, D-Sub-HD, female connector, cable
- **Connection type head B:** plug housing, D-Sub-HD
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with EEPROM parameter store
- **Description:** Power, shielded, serial, CAN, digital I/Os
- **Application:** cold bending resistant

Cable	Type	Part no.
10 m	Cover for male connector	2035119
15 m	Cover for male connector	2033127
3 m	Cover for male connector	2034150
5 m	Cover for male connector	2049613

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os
- **Items supplied:** with EEPROM parameter store

Cable	Description	Type	Part no.
1 m, 15-wire	Power, unshielded Serial CAN Digital I/Os	Connection cable	2033325

- **Connection type head A:** male connector, Mini, 6-pin
- **Connection type head B:** male connector, RJ45
- **Description:** unshielded

Cable	Note	Type	Part no.
2.4 m, coiled cable	–	Connection cable (male connector-male connector)	6012110
4.5 m, coiled cable	External power supply unit required, for keyboard wedge		6025941

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight
- **Connection type head B:** male connector, round plug
- **Signal type:** CAN

Description	Type	Part no.
CAN, shielded	Connection hood master	2030439

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, straight, female connector
- **Connection type head B:** male connector, D-Sub-HD, 15-pin, straight
- **Signal type:** CAN
- **Items supplied:** with connection cable 15-pin D-sub, 3 m

Cable	Description	Note	Type	Part no.
3 m	CAN, unshielded	For VMD, Master	Modular hood	2030535

- **Items supplied:** with plug housing

Cable	Description	Note	Type	Part no.
10 m	Unshielded	For CLV48x/49x and CDM420	Cover for male connector	2033126

- **Connection type head A:** male connector, SC-type, straight
- **Signal type:** light
- **Items supplied:** fiber optics cable on roll
- **Description:** light, unshielded
- **Note:** flexible

Cable	Type	Part no.
10 m, flexible, PVC	OPTO FIBRE FLEX, 10 m	1014335
15 m, flexible, PVC	OPTO FIBRE FLEX, 15 m	1014298
20 m, flexible, PVC	OPTO FIBRE FLEX, 20 m	1014336

- **Connection type head A:** male connector, SC-type, straight
- **Signal type:** Gigabit Ethernet
- **Items supplied:** fiber optics cable on roll
- **Description:** Gigabit Ethernet, unshielded

Cable	Type	Part no.
100 m	OPTO FIBRE, 100 m	1014338
30 m	OPTO FIBRE, 30 m	1014337
50 m	OPTO FIBRE, 50 m	1014279

- **Items supplied:** 1 x female connector M12, 4-pin, angled, 1 x female connector M12, 5-pin, angled, male connector M12, 5-pin, angled, cable?

Description	Note	Type	Part no.
Unshielded	Set of connectors	DOS-3XM12-W	2058177

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