



Field-wireable connectors

Field-wireable connectors ensure high flexibility in device installation

SICK
Sensor Intelligence.



Product description

SICK now also offers field-wireable plug connectors with insulation displacement contact (IDC) technology. An enormous advantage: Installation of these plug connectors is simple and saves time. And they work just as reliably as the proven SICK plug connectors with screw terminals.

At a glance

- Variants available for relevant solution segments: Signal, data and cable transmission
- Displacement and spring clamp, screw, solder or crimp connection possible
- Demanding applications: Leak tightness up to IP69 and addressable stainless steel housing
- Comprehensive portfolio of M8, M12, M16 and M23 plug connectors

Your benefits

- Flexibility – Choice of different connection technologies
- Performance – Equivalent transmission of signals, data and power compared to encapsulated plug connectors
- Simplicity – Ability to reduce complex inventory by implementing the wiring solution in the field

Ordering information

Other models and accessories → www.sick.com/Field-wireable_connectors

- **Description:** unshielded
- **Connection type head A:** female connector, DIN 43650, 4-pin, angled, Form A

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm ² ... 0.5 mm ²	DOS-0303-W	6005698

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

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.5 mm ² ... 1.5 mm ²	DOS-0607W000IA3KU0	6007363

- **Description:** unshielded
- **Connection type head A:** female connector, M26, 12-pin, straight, A-coded
- **Connection systems:** crimp contacts

Permitted cross-section	Note	Type	Part no.
0.5 mm ² ... 1.5 mm ²	12 crimping contacts enclosed	DOS-0612G000GA3KM0	6020757
≤ 0.5 mm ²	LABS-free	DOS-0612G000GA3KM6	6053198

- **Description:** unshielded
- **Connection type head A:** female connector, M8, 3-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm ² ... 0.5 mm ²	DOS-0803-WSK	6053168
Solder connection	≤ 0.25 mm ²	DOS-0803-W	7902078

- **Description:** unshielded
- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm ² ... 0.5 mm ²	DOS-0804-WSK	6053169
Solder connection	≤ 0.25 mm ²	DOS-0804-W	6009975

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

Connection systems	Permitted cross-section	Application	Type	Part no.
IDC quick connection	0.14 mm ² ... 0.34 mm ²	–	DOS-1204-GQU6	6042088
	0.34 mm ² ... 0.75 mm ²	–	DOS-1204-GQU8	6053328
Screw-type terminals	≤ 0.75 mm ²	–	DOS-1204-G	6007302
			DOS-1204-GX	6026528
		Hygienic and washdown zones	DOS-1204-GN	6028357

- **Description:** PROFINET, shielded
- **Connection type head A:** female connector, M12, 4-pin, straight, D-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
PROFINET	CAT5, CAT5e	IDC quick connection	0.14 mm² ... 0.34 mm²	DOS-1204-GZ	6048263

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** ≤ 0.75 mm²

Application	Type	Part no.
–	DOS-1204-W	6007303
	DOS-1204-WX	6025570
Hygienic and washdown zones	DOS-1204-WN	6028358

- **Description:** PROFINET, shielded
- **Connection type head A:** female connector, M12, 4-pin, angled, D-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
PROFINET	CAT5, CAT5e	IDC quick connection	0.14 mm² ... 0.34 mm²	DOS-1204-WZ	6048264

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.25 mm² ... 0.5 mm²	DOS-1208-G	6028422

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.25 mm² ... 0.5 mm²	DOS-1208-W	2092035

- **Description:** unshielded
- **Connection type head A:** male connector, M8, 3-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm² ... 0.5 mm²	STE-0803-WSK	6053170

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

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	STE-0804-GPC	6042091
Screw-type terminals	0.14 mm² ... 0.5 mm²	STE-0804-G	6037323

- **Description:** unshielded
- **Connection type head A:** male connector, M8, 4-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm ² ... 0.5 mm ²	STE-0804-WSK	6053171

- **Description:** Ethernet, shielded, PROFINET
- **Connection type head A:** male connector, RJ45, 4-pin, straight, EIA/TIA 568A/B

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet, PROFINET	CAT5, CAT5e	IDC quick connection	4 mm ² ... 8 mm ²	STE-0J04-GZ	6048260

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

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Ethernet, PROFINET	Spring-cage connection	≤ 0.5 mm ²	Hygienic and wash-down zones	STE-1204-GE	6032802

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

Connection systems	Permitted cross-section	Note	Application	Type	Part no.
IDC quick connection	0.34 mm ² ... 0.75 mm ²	–	–	STE-1204-GQU8	6044998
Screw-type terminals	≤ 0.75 mm ²	–	–	STE-1204-G	6009932
			Hygienic and wash-down zones	STE-1204-GN	6028359
		For 2 cable connections	Hygienic and wash-down zones	STE-1204-TN	6028360

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

Cable	Connection systems	Permitted cross-section	Type	Part no.
–	QUICKON connection	–	Male connector (ready to assemble)	6047860
CAT5, CAT5e	IDC quick connection	0.14 mm ² ... 0.34 mm ²	STE-1204-GZ	6048261

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

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
PROFINET	CAT5, CAT5e	IDC quick connection	0.14 mm² ... 0.34 mm²	STE-1204-WZ	6048262

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

Connection systems	Permitted cross-section	Note	Type	Part no.
Screw-type terminals	0.25 mm² ... 0.5 mm²	For field bus technology	STE-1208-G	6033269

- **Description:** unshielded
- **Connection type head A:** male connector, M12, 8-pin, angled, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Screw-type terminals	0.25 mm² ... 0.5 mm²	For field bus technology	STE-1208-W	2092036

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

Signal type	Connection systems	Type	Part no.
Ethernet	Piercecon fast connection	MALE CONNECTOR,YL.LTG.SK 8P. M12 CAT6A IP67	6054376

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm² ... 0.34 mm²	YF08U13-1434K2551A	2109288

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm² ... 0.34 mm²	YF08U14-1434K2551A	2109289

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

Connection systems	Permitted cross-section	Application	Type	Part no.
Screw-type terminals	≤ 0.75 mm²	Hygienic and washdown zones	YF12ES5-0075S5586A	2097335

- **Description:** shielded
- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** 0.25 mm² ... 0.5 mm²

Application	Type	Part no.
–	DOS-1208-GA	6028369
Hygienic and washdown zones	YF12ES8-0050S5586A	2097334

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

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	1.5 mm ² ... 2.5 mm ²	YF12PA5-0003S0003L	2141091

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm ² ... 0.5 mm ²	Zones with oils and lubricants	YF12U13-2550K4051A	2109292

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm ² ... 0.5 mm ²	Zones with oils and lubricants	YF12U14-2550K4051A	2109293

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Connection systems:** IDC quick connection
- **Permitted cross-section:** 0.25 mm² ... 0.5 mm²
- **Application:** Zones with oils and lubricants

Type	Part no.
YG12U13-2550K4051A	2109296
YI12U13-2550K4051A	2109297

- **Description:** Sensor/actuator cable
- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Connection systems:** IDC quick connection
- **Permitted cross-section:** 0.25 mm² ... 0.5 mm²
- **Application:** Zones with oils and lubricants

Type	Part no.
YG12U14-2550K4051A	2109298
YI12U14-2550K4051A	2109299

- **Description:** Sensor/actuator cable
- **Connection type head A:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Connection systems:** IDC quick connection

Permitted cross-section	Type	Part no.
0.08 mm ² ... 0.25 mm ²	YM08U13-0002K1823A	2122277
0.14 mm ² ... 0.34 mm ²	YM08U13-1434K2551A	2109286

- **Description:** Sensor/actuator cable
- **Connection type head A:** male connector, M8, 4-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm ² ... 0.34 mm ²	YM08U14-1434K2551A	2109287

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

Connection systems	Permitted cross-section	Application	Type	Part no.
Screw-type terminals	≤ 0.75 mm ²	Hygienic and washdown zones	YM12ES4-0075S5586D	2109773

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

Connection systems	Permitted cross-section	Application	Type	Part no.
Screw-type terminals	≤ 0.75 mm ²	Hygienic and washdown zones	YM12ES5-0075S5586A	2097336

- **Description:** shielded
- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** ≤ 0.5 mm²

Application	Type	Part no.
–	STE-1208-GA	6028370
Hygienic and washdown zones	YM12ES8-0050S5586A	2097337

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

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	1.5 mm ² ... 2.5 mm ²	YM12PA5-0003S0003L	2141090

- **Description:** Sensor/actuator cable
- **Connection type head A:** male connector, M12, 3-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm² ... 0.5 mm²	Zones with oils and lubricants	YM12U13-2550K4051A	2109290

- **Description:** Sensor/actuator cable
- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Connection systems:** IDC quick connection

Permitted cross-section	Application	Type	Part no.
0.14 mm² ... 0.34 mm²	–	YM12U14-1434K2951A	2115540
0.25 mm² ... 0.5 mm²	Zones with oils and lubricants	YM12U14-2550K4051A	2109291

- **Description:** Sensor/actuator cable
- **Connection type head A:** male connector, M12, 3-pin, angled, A-coded

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm² ... 0.5 mm²	Zones with oils and lubricants	YN12U13-2550K4051A	2109294

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

Signal type	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm² ... 0.5 mm²	Zones with oils and lubricants	YN12U14-2550K4051A	2109295

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

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	DOS-0803-GPC	6042092
Screw-type terminals	0.14 mm² ... 0.5 mm²	DOS-0803-G	7902077

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

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	STE-0803-GPC	6042093
Screw-type terminals	0.14 mm² ... 0.5 mm²	STE-0803-G	6037322

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

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	DOS-0804-GPC	6042090

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm ² ... 0.5 mm ²	DOS-0804-G	6009974

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

Connection systems	Permitted cross-section	Note	Type	Part no.
IDC quick connection	0.14 mm ² ... 0.34 mm ²	Test voltage 1.25 kV eff/60 s, insulation group C to VDE 0110, for field bus technology	STE-1204-GQU6	6042089

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

Signal type	Connection systems	Permitted cross-section	Note	Type	Part no.
DeviceNet™, CANopen	Screw-type terminals	≤ 1.5 mm ²	For field bus technology	STE-7805-GK	6028332

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** ≤ 0.75 mm²

Note	Type	Part no.
–	DOS-1205-G	6009719
Test voltage 1.0 kV eff/60 s, insulation group C to VDE 0110	DOS-1205-GX	6047950

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

Connection systems	Type	Part no.
Solder connection	DOS-1608-GA	6025726

- **Description:** unshielded
- **Connection type head A:** male connector, M12, 4-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	≤ 0.75 mm ²	STE-1204-W	6022084

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

Connection systems	Type	Part no.
Solder connection	DOS-1608-WA	6025727

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

Connection systems	Permitted cross-section	Note	Type	Part no.
Spring-cage connection	0.14 mm ² ... 0.5 mm ²	Test voltage 1.25 kV eff/60 s, insulation group C to VDE 0110	STE-1205-GFE	6044999
Screw-type terminals	≤ 0.75 mm ²	For field bus technology	STE-1205-G	6022083

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection systems:** screw-type terminals

Permitted cross-section	Note	Type	Part no.
–	Test voltage 1.0 kV eff/60 s, insulation group C to VDE 0110	DOS-1205-WX	6047951
≤ 0.75 mm ²	–	DOS-1205-W	6009720

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

Signal type	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP	Screw-type terminals	≤ 0.75 mm ²	STE-1205-GQ	6021354

- **Description:** unshielded
- **Connection type head A:** female connector, M16, 12-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Solder connection	≤ 0.25 mm ²	DOS-1612-W	6007988

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

Connection systems	Permitted cross-section	Note	Type	Part no.
Screw-type terminals	≤ 0.75 mm ²	For field bus technology	STE-1205-W	6022082

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

Signal type	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP	Screw-type terminals	≤ 0.75 mm ²	DOS-1205-GQ	6021353

- **Description:** unshielded
- **Connection type head A:** female connector, M18, 4-pin, angled, A-coded

Connection systems	Type	Part no.
Screw-type terminals	DOS-1804-W	6009437

- **Description:** unshielded
- **Connection type head A:** male connector, M26, 12-pin, straight, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Crimp contacts	0.5 mm ² ... 1.5 mm ²	12 crimping contacts enclosed	STE-0612G000GA3KM0	6021191

- **Description:** Ethernet, shielded
- **Connection type head A:** female connector, M12, 4-pin, straight, D-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet	CAT5, CAT5e	IDC quick connection	0.14 mm ² ... 0.34 mm ²	DOS-1204-GE	6048153

- **Description:** unshielded
- **Connection type head A:** male connector, M26, 12-pin, angled, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Crimp contacts	0.5 mm ² ... 1.5 mm ²	12 crimping contacts enclosed	STE-0612W000GA3KM0	6021192

- **Description:** Ethernet, shielded
- **Connection type head A:** female connector, M12, 4-pin, angled, D-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet	CAT5, CAT5e	IDC quick connection	0.14 mm ² ... 0.34 mm ²	DOS-1204-WE	6048154

- **Description:** Ethernet, shielded
- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet	CAT5, CAT5e	QUICKON connection	0.14 mm ² ... 0.34 mm ²	DOS-1208-WA	6043358

- **Description:** unshielded
- **Connection type head A:** female connector, Q6, 6-pin, angled, DC-coded

Connection systems	Permitted cross-section	Type	Part no.
Solder connection	0.14 mm ² ... 0.5 mm ²	DOS-1306-W	6006710

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

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet	CAT5, CAT5e	IDC quick connection	0.14 mm ² ... 0.34 mm ²	STE-1204-GE01	6048151

- **Description:** CANopen, shielded, DeviceNet™
- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
CANopen, DeviceNet™	Screw-type terminals	$\leq 0.75 \text{ mm}^2$	DOS-1205-GA	6027534

- **Description:** unshielded
- **Connection type head A:** female connector, Q6, 6-pin, angled, AC-coded

Connection systems	Permitted cross-section	Type	Part no.
Solder connection	$0.14 \text{ mm}^2 \dots 0.5 \text{ mm}^2$	DOS-1406-W	6006685

- **Description:** Ethernet, shielded
- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Ethernet	CAT5, CAT5e	IDC quick connection	$0.14 \text{ mm}^2 \dots 0.34 \text{ mm}^2$	STE-1204-WE	6048152

- **Description:** PROFIBUS DP, shielded
- **Connection type head A:** female connector, M12, 5-pin, angled, B-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP	Spring-cage connection	$0.14 \text{ mm}^2 \dots 0.5 \text{ mm}^2$	DOS-1205-WQ	6041429

- **Description:** unshielded
- **Connection type head A:** female connector, Q7, 7-pin, angled, DC-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	$0.25 \text{ mm}^2 \dots 1 \text{ mm}^2$	DOS-2107-W	6006823

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

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Incremental	CAT5, CAT5e	IDC quick connection	$0.14 \text{ mm}^2 \dots 0.34 \text{ mm}^2$	STE-1208-GA01	6044892

- **Description:** unshielded
- **Connection type head A:** female connector, Q7, 7-pin, angled, AC-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	$0.25 \text{ mm}^2 \dots 1 \text{ mm}^2$	DOS-2207-W	6006821

- **Description:** CANopen, shielded, DeviceNet™
- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
CANopen, DeviceNet™	Screw-type terminals	≤ 0.75 mm²	STE-1205-GA	6027533

- **Description:** DeviceNet™, shielded, CANopen
- **Connection type head A:** female connector, 7/8", 5-pin, straight, A-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
DeviceNet™, CANopen	Screw-type terminals	≤ 1.5 mm²	DOS-7805-GK	6028331

- **Description:** PROFIBUS DP, shielded
- **Connection type head A:** male connector, M12, 5-pin, angled, B-coded

Signal type	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP	Spring-cage connection	0.14 mm² ... 0.5 mm²	STE-1205-WQ	6041428

- **Description:** unshielded
- **Connection type head A:** female connector, M26, 7-pin, straight, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Crimp contacts	0.5 mm² ... 1.5 mm²	7 crimping contacts enclosed	DOS-0607G000GA3KM0	6006612

- **Description:** unshielded
- **Connection type head A:** female connector, M26, 12-pin, angled, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Crimp contacts	0.5 mm² ... 1.5 mm²	12 crimping contacts enclosed	DOS-0612W000GA3KM0	6020758

- **Description:** Gigabit Ethernet, shielded
- **Connection type head A:** male connector, RJ45, 8-pin, straight, EIA/TIA 568A/B

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Gigabit Ethernet	CAT6A	IDC quick connection	4.5 mm² ... 8 mm²	STE-0J08-GE	6048150

- **Description:** HIPERFACE®, shielded, SSI, Incremental
- **Connection type head A:** female connector, M23, 9-pin, straight, A-coded

Signal type	Connection systems	Type	Part no.
HIPERFACE®, SSI, Incremental	Solder connection	DOS-2309-G	6028533

- **Description:** HIPERFACE®, shielded, SSI, Incremental
- **Connection type head A:** female connector, M23, 12-pin, straight, A-coded
- **Signal type:** HIPERFACE®, SSI, Incremental
- **Connection systems:** solder connection

Type	Part no.
DOS-2312-G	6027538
DOS-2312-G02	2077057
DOS-2312-GS02	2071778

- **Description:** HIPERFACE®, shielded, SSI, Incremental
- **Connection type head A:** female connector, M23, 12-pin, angled, A-coded

Signal type	Connection systems	Type	Part no.
HIPERFACE®, SSI, Incremental	Solder connection	DOS-2312-W01	2072580

- **Description:** unshielded
- **Connection type head A:** female connector, M12, 7-pin, straight, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	≤ 1.5 mm²	Connector	6049886

- **Description:** unshielded
- **Connection type head A:** female connector, MS/06, 6-pin, straight, A-coded

Connection systems	Type	Part no.
Solder connection	DOS-MS06-G	7102136

- **Description:** unshielded
- **Connection type head A:** female connector, MS/07, 7-pin, straight, A-coded

Connection systems	Type	Part no.
Solder connection	DOS-MS07-G	7102143

Type	Part no.
RLYO-ACC0100	6059567
RLYO-ACC0300	6072328
RLYO-ACC0400	6072329
RLYO-ACC0500	6072331
TERM.-AOD/AODG	6033129

- **Description:** HIPERFACE®, shielded, SSI, Incremental
- **Connection type head A:** male connector, M23, 12-pin, straight, A-coded
- **Signal type:** HIPERFACE®, SSI, Incremental
- **Connection systems:** solder connection

Type	Part no.
STE-2312-G01	2077273

Type	Part no.
STE-2312-GX	6028548

- **Description:** unshielded
- **Connection type head A:** male connector, M12, 7-pin, straight, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	$\leq 1.5 \text{ mm}^2$	Male connector	6049036

- **Description:** unshielded
- **Connection type head A:** male connector, R16, A-coded

Type	Part no.
STE-2606	6004193

- **Description:** shielded
- **Connection type head A:** female connector, M16, 12-pin, straight, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Solder connection	$\leq 0.25 \text{ mm}^2$	DOS-1612-GA	6022369

- **Description:** unshielded
- **Connection type head A:** male connector, 7/8", 4-pin, straight, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Screw-type terminals	$\leq 1.5 \text{ mm}^2$	Auxiliary power supply	Male connector	6030804

- **Description:** shielded
- **Connection type head A:** female connector, M16, 12-pin, angled, A-coded

Connection systems	Permitted cross-section	Type	Part no.
Solder connection	$\leq 0.25 \text{ mm}^2$	DOS-1612-WA	6022370

- **Description:** unshielded
- **Connection type head A:** female connector, M18, 4-pin, straight, A-coded

Connection systems	Type	Part no.
Screw-type terminals	DOS-1804-G	6009436

- **Description:** unshielded
- **Connection type head A:** male connector, M23, 12-pin, straight, A-coded

Connection systems	Permitted cross-section	Note	Type	Part no.
Crimp contacts	0.08 mm ² ... 0.82 mm ²	SDL connection	Interconnectron male connector	6024742

- **Description:** Incremental, shielded, SSI
- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded

Signal type	Cable	Connection systems	Permitted cross-section	Type	Part no.
Incremental, SSI	CAT5, CAT5e	IDC quick connection	0.14 mm² ... 0.34 mm²	DOS-1208-GA01	6045001

- **Description:** PROFIBUS DP, unshielded
- **Connection type head A:** male connector, D-Sub, angled, DE-9

Signal type	Connection systems	Type	Part no.
PROFIBUS DP	Screw-type terminals	PROFIBUS male connector	6029030

- **Description:** unshielded
- **Connection type head A:** male connector, RJ45, 4-pin, straight, EIA/TIA 568A/B

Connection systems	Type	Part no.
IDC quick connection	Male connector (ready to assemble)	6028386

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

Cable	Connection systems	Type	Part no.
AWG16	Screw-type terminals	Female connector (ready to assemble)	6045310

- **Description:** unshielded
- **Connection type head A:** female connector, MS/10, 10-pin, straight, A-coded

Connection systems	Type	Part no.
Solder connection	DOS-MS10-G	7102129

- **Description:** PROFIBUS DP, shielded, PROFIBUS DP, PROFIBUS DP
- **Connection type head A:** female connector, M14, 7-pin, straight, A-coded

Signal type	Connection systems	Type	Part no.
PROFIBUS DP, PROFIBUS DP, PROFIBUS DP	Solder connection	DOS-1507-G	6027536

- **Description:** PROFIBUS DP, shielded
- **Connection type head A:** male connector, M14, 7-pin, straight, A-coded

Signal type	Connection systems	Type	Part no.
PROFIBUS DP	Solder connection	STE-1507-G	6027535

- **Description:** SSI, shielded
- **Connection type head A:** female connector, M23, 21-pin, straight, A-coded

Signal type	Connection systems	Type	Part no.
SSI	Crimp contacts	DOS-2321-G	6027539

- **Description:** HIPERFACE®, shielded, SSI, Incremental, RS-422
- **Connection type head A:** male connector, M23, 12-pin, straight, A-coded

Signal type	Connection systems	Type	Part no.
HIPERFACE®, SSI, Incremental, RS-422	Solder connection	STE-2312-G	6027537

- **Description:** SSI, shielded
- **Connection type head A:** female connector, D-Sub, 37-pin, straight, DC-37

Signal type	Connection systems	Type	Part no.
SSI	Solder connection	DOS-0D37-G	2029224

- **Description:** SSI, shielded
- **Connection type head A:** male connector, D-Sub, 15-pin, straight, DA-15

Signal type	Connection systems	Type	Part no.
SSI	Solder connection	STE-0D15-G	2029223

- **Description:** unshielded
- **Connection type head A:** male connector, 12-pin
- **Connection type head B:** terminal connector, 12-pin

Connection systems	Note	Type	Part no.
Spring terminal	Terminal strip for AOD5-P/N1 (OD Precision)	TERM.-AOD5	6035989

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