Front screens and front screen protection

SICK
Sensor Intelligence.

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Product description

Front screens can be replaced quickly and easily. An additional front screen protector protects the sensors in particularly demanding environments, e.g. in the event of flying sparks or welding spatter. This extends the service life of the sensors and ensures that they function reliably.

Ordering information

Other models and accessories ➜ www.sick.com/Front_screens_and_front_screen_protection

Description	Items supplied	Suitable for	Type	Part no.
Accessories for PLR3200-01, PLR3200-02	–	–	Welding protection window set	2104594
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,000 mm ... 1,045 mm	–	–	CDC-1050APWWWW	2115155
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,150 mm ... 1,195 mm	–	–	CDC-1200APWWWW	2115157
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient	–	–	CDC-1350APWWWW	2115159

Description	Items supplied	Suitable for	Type	Part no.
temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,300 mm ... 1,345 mm				
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,450 mm ... 1,495 mm	–	–	CDC-1500APWWWW	2115161
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,600 mm ... 1,645 mm	–	–	CDC-1650APWWWW	2115163
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 1,750 mm ... 1,795 mm	–	–	CDC-1800APWWWW	2115165
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights	–	–	CDC-1950APWWWW	2115167

Description	Items supplied	Suitable for	Type	Part no.
of 1,900 mm ... 1,945 mm				
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 100 mm ... 145 mm	–	–	CDC-0150APWWWW	2115002
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,050 mm ... 2,095 mm	–	–	CDC-2100APWWWW	2115169
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,200 mm ... 2,245 mm	–	–	CDC-2250APWWWW	2115171
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,350 mm ... 2,395 mm	–	–	CDC-2400APWWWW	2115173
Additional front screen for MLG-2 to protect against	–	–	CDC-2550APWWWW	2115175

Description	Items supplied	Suitable for	Type	Part no.
scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,500 mm ... 2,545 mm				
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,650 mm ... 2,695 mm	–	–	CDC-2700APWWWW	2115177
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,800 mm ... 2,845 mm	–	–	CDC-2850APWWWW	2115179
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 2,950 mm ... 2,995 mm	–	–	CDC-3000APWWWW	2115181
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient	–	–	CDC-0300APWWWW	2115145

Description	Items supplied	Suitable for	Type	Part no.
temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 250 mm ... 295 mm				
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 3,100 mm ... 3,145 mm	–	–	CDC-3150APWWWW	2115183
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 400 mm ... 445 mm	–	–	CDC-0450APWWWW	2115147
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 550 mm ... 595 mm	–	–	CDC-0600APWWWW	2115149
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 700 mm ... 745 mm	–	–	CDC-0750APWWWW	2115151

Description	Items supplied	Suitable for	Type	Part no.
Additional front screen for MLG-2 to protect against scratching of the front screen; Ambient temperature operation: –30 °C ... +55 °C; Ambient temperature storage; –40 °C ... +70 °C; Material: PMMA ; Suitable for detection heights of 850 mm ... 895 mm	–	–	CDC-0900APWWWW	2115153
Durable front screen protection set (protects sensors from damage by flying sparks and welding beads)	Incl. sliding nuts and fastening screws	–	Heavy-duty additional front screen	2026853
				2026854
				2026855
				2026856
				2026857
				2026858
				2026859
				2026860
				2026861
				2026862
				2026863
Front screen protection set (protects sensors from damage by flying sparks and welding beads)	–	–	LPC-DX35	2067367
			LPC-DX50	2049269
		C#MT-012xxxxxxxxx	Additional front screen	2058479
		C#MT-018xxxxxxxxx	Additional front screen	2058482
		C#MT-024xxxxxxxxx	Additional front screen	2058483
		C#MT-030xxxxxxxxx	Additional front screen	2058484
		C#MT-036xxxxxxxxx	Additional front screen	2058485
		C#MT-042xxxxxxxxx	Additional front screen	2058486
		C#MT-048xxxxxxxxx	Additional front screen	2058487
		C#MT-054xxxxxxxxx	Additional front screen	2058488
		C#MT-060xxxxxxxxx	Additional front screen	2058489
		C#MT-066xxxxxxxxx	Additional front screen	2058490
Front screen protection set (protects sensors from damage by flying sparks and welding beads)	–	C#MT-072xxxxxxxxx	Additional front screen	2058491
		C#MT-078xxxxxxxxx	Additional front screen	2058492
		C#MT-084xxxxxxxxx	Additional front screen	2058493
		C#MT-090xxxxxxxxx	Additional front screen	2058494
		C#MT-096xxxxxxxxx	Additional front screen	2058495
		C#MT-102xxxxxxxxx	Additional front screen	2058496
		C#MT-108xxxxxxxxx	Additional front screen	2058497
		C#MT-114xxxxxxxxx	Additional front screen	2058498
		C#MT-120xxxxxxxxx	Additional front screen	2058499

Description	Items supplied	Suitable for	Type	Part no.
	Incl. sliding nuts and fastening screws	–	Additional front screen	2033235
				2033236
				2033237
				2033238
				2033239
				2033240
				2033241
				2033242
				2033243
				2033244
				2033245
		M40x-0250xxxxx	Additional front screen	2033225
		M40x-0260xxxxx	Additional front screen	2033226
		M40x-0322xxxxx	Additional front screen	2033227
		M40x-0340xxxxx	Additional front screen	2033228
		M40x-0345xxxxx	Additional front screen	2033229
		M40x-0422xxxxx	Additional front screen	2033230
		M40x-0522xxxxx	Additional front screen	2033231
		M40x-0622xxxxx	Additional front screen	2033232
		M40x-0722xxxxx	Additional front screen	2033233
		M40x-0822xxxxx	Additional front screen	2033234
Front screen replacement kit with replacement seal and screws	–	–	Front screen spare part set S3000	2027180
			Spare parts set for front screen PLS	2022271
Front window protection designed for M18 cylindrical photoelectric sensors, nickel-plated brass, glass	–	–	BEF-M18-GW	2075708
Laser protection tubus, length 110 mm	–	–	TB110-OLV	5327435
Lens protection cover with replaceable plastic screen for W16. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-W16	2108673
Lens protection cover with replaceable plastic screen for W26. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-W26	2108671
Lens protection cover with replaceable plastic screen for	–	–	LPC-WTS16	2108674

Description	Items supplied	Suitable for	Type	Part no.
WTS16. Protects sensor from damage by flying sparks and welding beads.				
Lens protection cover with replaceable plastic screen for WTS26. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-WTS26	2108672
Lens protection cover with replaceable plastic screen for WTT12L. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-WTT12L	2088111
Lens protection cover with replaceable plastic screen for WTT190L. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-WTT190L	2089568
Protection window for GMP700 probes. Mechanical separation of the process to protect the sender and receiver unit in the event of a short purge air failure. Available for GM700NH3 and GM700HF, not suitable for suitability-tested applications.	–	–	Protective window	2107166
Protective plates for protecting the front screen from weather conditions	–	–	Glare protection plate mounting kit	2085940
Replaceable exchange plastic screen for lens protection cover W16. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-W16R	2113310
Replaceable exchange plastic screen for lens protection cover W26. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-W26R	2113312
Replaceable exchange plastic screen for lens protection cover WTT12L. Protects sensor from damage	–	–	LPC-WTT12L	2091939

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Description	Items supplied	Suitable for	Type	Part no.
by flying sparks and welding beads.				
Replaceable exchange plastic screen for lens protection cover WTT190L. Protects sensor from damage by flying sparks and welding beads.	–	–	LPC-WTT190L	2091940
Replacement front screen for protective housing.	–	–	Front screen for protective housing	4090054
Replacement screen for weld spark guard	–	–	Replacement screen	2067528
Snap-on front screen protection set (protects sensors from damage by flying sparks and welding beads)	Mounting hardware included	–	Additional front screen	2022404
				2022405
				2022406
				2022407
				2022408
				2022409
				2022410
				2022411
				2022412
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				2022419
				2022420
				2022421
				2022422
Spare part set optics cover with replacement seal and screws	–	–	Spare part set optics cover microScan3	2073673
			Spare parts set for optical cover S100/S300/S300 Mini	2039248
Transparent front screen for variants with exchangeable lens and front window, PMMA	–	–	Front window, Inspector Flex (plastic)	2050690
Transparent front screen for variants with exchangeable lens and front window, glass	–	–	Front window, Inspector Flex (glass)	2052266
Weld spark guard for direct mounting in front of front	–	–	Protective screen	2065807

Description	Items supplied	Suitable for	Type	Part no.
screen on device including fixing screws				
airWiper microScan3, air shower for microScan3, external pressurized air required, refer to user manual.	–	–	airWiper microScan3	2145399
Face plate 1.180 mm x 13 mm x 604 mm (L x W x H)	–	–	Standard front plate	4075284
Face plate 1.180 mm x 13 mm x 604 mm (L x W x H) with cutting for 2D laser scanners	–	–	Front plate for trigger	4075285
microScan3 optics cover with extra long screws for use with airWiper	–	–	microScan3 optics cover with screws for use with airWiper	2145592
Self-adhesive protective film for the front screen (protects sensors from damage by flying sparks and welding beads)	–	Sufficient for two sensors with a protective field height of 2.100 mm	Self-adhesive protective film	2069268

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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