



## Protective caps and hoods



## Product description

Protective caps and hoods from SICK offer reliable protection against environmental conditions and mechanical damage. This extends the service life and significantly increases the accuracy of your sensors.

## Ordering information

Other models and accessories → [www.sick.com/Protective\\_caps\\_and\\_hoods](http://www.sick.com/Protective_caps_and_hoods)

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
–	–	–	–	–	Protective cap	2019706
						5311099
0.22 µF/220 Ohm for 110 V AC ... 220 V AC	–	–	–	–	RC-A	6001224
2.2 µF/100 Ohm for 24 V AC/ DC ... 48 V AC/DC	–	–	–	–	RC-AD	6001225
7/8" protective cap (spare part)	–	–	–	–	Protective cap	5325879
Automated quick-closing flap, 2 pieces are required to protect the sender/ receiver unit and reflector	–	–	–	–	Automated quick-closing flap	6049194
Bidirectional ventilation membrane made from Gore-Tex	–	–	–	–	Bidirectional ventilation membrane	5309082
Compact 190° weather hood, only suitable for overhead mounting of the LMS5xx, scanner must be mounted overhead	Stainless steel V4A 1.4404	–	–	–	Weather hood, 190°	2089593
Connection mask for looping in a hand-held scanner or ICR80x via	–	–	–	–	Connection mask	2030565

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
the CDM420 AUX interface						
Cover closed, material 1.4305	–	–	–	–	Cover closed	2067269
Cover for EDS35 and EDM35, packaging unit: 5,000 pieces, color: blue	–	–	–	–	BEF-CAP-BLUE5000	2130622
Cover for EDS35 and EDM35, packaging unit: 500 pieces, color: blue	–	–	–	–	BEF-CAP-BLUE500	2113367
Cover for LFP Inox with inspection window, material 1.4305 and PMMA	–	–	–	–	Cover with front screen	2067267
Cover for LFR/LBR SicWave with sight glass for use with display, material 316L, glass viewing window	–	–	–	–	COV-ER-ZK0001-LxR	5343020
Cover for LFR/LBR SicWave with sight glass for use with display, material plastic PBT (polyester), polycarbonate viewing window (UL746-C listed)	–	–	–	–	COV-ER-KK0001-LxR	5343016
Cover for LFR/LBR SicWave without sight glass, material 316L	–	–	–	–	COV-ER-ZX0001-LxR	5343019

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Cover for LFR/LBR SicWave without sight glass, material aluminum die cast AISi10Mg, powder-coated (basis: polyester)	–	–	–	–	COV-ER-AK0001-LxR	5343018
					COV-ER-AX0001-LxR	5343017
Cover for LFR/LBR SicWave without sight glass, material plastic PBT (polyester)	–	–	–	–	COV-ER-KX0001-LxR	5342997
Cover for PSK1 deflector mirror	–	–	–	–	MB-PSK1	7020548
Cover for PSK1 deflector mirror (mounting on device column)	–	–	–	–	MBE-PSK	7020499
Cover for rotary encoding switch of the CDF600 to protect from manipulation, incl. 2 fastening screws	–	Mounting hardware included	–	–	Cover for rotary encoding switch	2052296
Cover plate (91.8 mm x 31.3 mm) with screws for closing the unused opening for the system plug	–	–	–	–	microScan3 cover plate spare part set	2086094
					outdoorScan3 cover plate spare part set	2101643
Cover plate (91.8 mm x 42.8 mm) with screws for closing the unused opening for the system plug	–	–	–	–	microScan3 cover plate spare part set	2075877
Cover plate for purge air attachment for maintaining the purge air unit of the probe when	Aluminum	–	–	–	Cover plat for purge air attachment	2017819

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
s/r unit is dismantled						
Display protection cover	–	–	–	–	Control panel cover	2058007
Disposable, clear acrylic, wrap-around, protective lens cover fr W.27 series	–	–	–	–	LCCAW-W27	7025785
Dust prevention shield, gray	–	–	–	–	Weather hood	5335409
						5335410
			–	–	Weather protection hood	2025793
Dust protection tube	–	–	–	–	OBS-DME	2014458
Dust shield for heavy-duty protective housing	–	–	–	–	Tube for heavy-duty protective housing	2087694
EDM35 cover set, 10 pcs	–	–	–	–	BEF-CAP-EDM-010	2139997
EDM35 cover set, 40 pcs	–	–	–	–	BEF-CAP-EDM-040	2139999
EDS35 cover set, 10 pcs	–	–	–	–	BEF-CAP-EDS-010	2139995
EDS35 cover set, 40 pcs	–	–	–	–	BEF-CAP-EDS-040	2139996
EEM37 cover set, 10 pcs	–	–	–	–	BEF-CAP-EEM-010	2139993
EEM37 cover set, 40 pcs	–	–	–	–	BEF-CAP-EEM-040	2139994
EES37 cover set, 10 pcs	–	–	–	–	BEF-CAP-EES-010	2139991
EES37 cover set, 40 pcs	–	–	–	–	BEF-CAP-EES-040	2139992
EKM36 cover set, 10 pcs	–	–	–	–	BEF-CAP-EKM-010	2140028
EKM36 cover set, 40 pcs	–	–	–	–	BEF-CAP-EKM-040	2140029
EKS36 cover set, 10 pcs	–	–	–	–	BEF-CAP-EKS-010	2140026
EKS36 cover set, 40 pcs	–	–	–	–	BEF-CAP-EKS-040	2140027
End cap assembly with 5 pin mini connector for MGSS/MSLS	–	–	–	–	MGSS-ECM-5	7022980
End cap assembly with 7 pin mini	–	–	–	–	MGSE-ECM-7	7022958

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
connector for MGSE/MSLE						
Flange cover Tri-Clamp, material 1.4435	–	–	–	–	Flange cover	5321370
Flange cover for 1" thread, material 1.4571	–	–	–	–	Flange cover	5320851
Flange cover for flange with tube, material aluminum	–	–	–	–	Flange cover	2052377
Front screen attachment for clipping on, for WT27L-2 or WT23L stainless steel including a front screen (part no. 4039597 for replacement front screen)	–	–	–	–	LPC-W27-2	2030193
Guard plate for round steel arm, left	–	Mounting hardware included	–	PU3 device column	Muting arm protective plate, PU3, left	2045738
Guard plate for round steel arm, right	–	Mounting hardware included	–	PU3 device column	Muting arm protective plate, PU3, right	2045737
Hood for C-mount lenses, IP 65 protection, glass window	–	–	–	–	Cover	2042062
Hood for C-mount lenses, IP 65 protection, plastic window	–	–	–	–	Cover	2032637
Housing end cap as mechanical protection for the backplane bus. Attach the housing end cap to the last module.	–	–	–	–	FLX0-ACC0400	5340579
IP-65 Ethernet protective cap, no Ethernet	–	Incl. gasket and screws	–	–	IP65 Ethernet protective cap	2048510

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
connection is possible when cap is screwed on						
IP-65 cover, useable with adapter frame (2044711)	–	–	–	–	IP65 cover	6032800
IP-65 sealing rubber for extension cables with 15-pin D-Sub plug connection	–	–	–	–	IP65 sealing rubber	4038847
If a deTec sender with extension connection does not have an additional guest connected to it, the extension connection has no function and must be sealed with a protective cap.	–	–	–	–	Protective cap, M12 for female connector	5310772
M12 protective cap (spare part)	–	–	Spare parts	–	Protective cap	5320687
Optics cover for protecting the front screen from weather conditions	–	1 x weather protection hood and 1 x mounting kit 1a (2093194), 4 M5 x 6 cylinder head screws with washers, 4 x M5 x 12 counter-sunk screws, 2 x cylinder head screws, M5 x 10 cap screws with washers, 4 x M5 x 10 counter-sunk screws	–	LMS1000, MRS1000, LRS4000	Weather protection hood 210° with mounting kit 1a	2085939
					Weather protection hood 275° with mounting kit 1a	2085938
Optics protection hood for achieving IP 65 (C-mount),	–	–	–	–	IP 65 optics protection hood	2056602

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
length 66 mm						
Optics protection hood for achieving IP 65 (C-mount), length 68.3 mm	–	–	–	–	IP 65 optics protection hood	2049130
Probe cover made of PFA for LFP Cubic or LFP Inox up to 1,000 mm probe length, stainless steel clamping ring 1.4404 / PTFE	–	–	–	–	BEF-PC-CBPA11-LFPX	2138397
Probe cover made of PFA for LFP Cubic or LFP Inox up to 2,000 mm probe length, stainless steel clamping ring 1.4401 / PTFE	–	–	–	–	BEF-PC-CBPA21-LFPX	2137855
Protection hood	Aluminum (powder-coating)	–	–	–	Protection cover	2056850
Protection hood against mechanical influences. Provides effective protection in difficult weather conditions, e.g., in strong rain and direct sunlight.	Aluminum	Protection hood, Mounting screws	–	Visionary-B Two, Visionary-S, Visionary Ai-Assist	Protection hood	2139358
Protection hood for GLL70	–	–	Fiber-optic sensors	–	BF-GLL70	5352083
Protection hood for WLL80, opens approx. 180°	–	–	Fiber-optic sensors	–	BF-WLL80	5344219
Protection hood for lens when used in combination with ICL110. Front window: PMMA	–	–	–	–	Cover	2032968



Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Protective Hood for GLL170, opens approx. 160°	–	–	Fiber-optic sensors	–	BF-GLL170	5336263
Protective adapter	Zinc diecast	Mounting hardware included	–	MZT7, RZT7, MZT8	BEF-SG-MRZT	2077201
Protective cap for M12 socket or unused ports	–	–	–	–	DOS-12SK	5309189
Protective cap for M8 socket or unused ports	–	–	–	–	DOS-08SK	5340762
Protective cap for UE4xxx network solutions	–	–	–	–	Protective cap	5315187
			SDL connection	–	Protective cap	5310774
Protective cap for actuator mounting holes	–	–	–	–	Protective cap	2128063
Protective cap for device socket, M12 x 1	Plastic	–	–	–	Protective cap	6011170
Protective cap for power and I/O connector, IP 65/67	–	–	–	–	Protective cap	5325431
Protective cap for sensor mounting holes	–	–	–	–	Protective cap	2128062
Protective cap for the mounting holes of the sensor and actuator	–	–	–	–	Protective cap	2123130
Protective cap for unused 7/8" female connector	–	–	–	–	DOS-78SK	5333972
Protective cap with lock for PROFINET RJ45 push-pull mounting frame, enclosure rating IP 65	–	–	–	–	Protective cap	5326204

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Protective cap with lock for power push-pull mounting frame, enclosure rating IP 65	–	–	–	–	Protective cap	5327762
Protective cover for PC4 device columns	–	–	–	PC4	PC4 end cap	4126810
						4120957
Protective cover for PM4 mirror columns	–	–	–	PM4	PM4 end cap	4126809
						4120955
Protective cover for PP4 device columns	–	–	–	PP4	PP4 end cap	4126811
						4120962
Protective cover for PU3 device columns	–	–	–	PU3	PU3 end cap	4068642
Protective cover made out of silicone to protect the display of LFP Cubic and CFP Cubic.	–	–	–	–	BEF-PC-DISCBC-XFPC	2117229
Protective hood for hanging ring	–	–	–	–	Protection cover	6028234
Protective hose 5 m, with adapter plate	–	–	–	–	IVCP-H05	2055449
SKM36, SEL cover set, 10 pcs	–	–	–	–	BEF-CAP-SKM-010	2140024
SKM36, SEL cover set, 40 pcs	–	–	–	–	BEF-CAP-SKM-040	2140025
SKS36, SEK cover set, 10 pcs	–	–	–	–	BEF-CAP-SKS-010	2140022
SKS36, SEK cover set, 40 pcs	–	–	–	–	BEF-CAP-SKS-040	2140023

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Screw-on protective cap for metric sensors. Protects the sensor from damage caused by impacts on the front.	Plastic	–	M12 size metric sensors, For flush mounting	–	CAP-M12-TB	2083430
			M18 size metric sensors, For flush mounting	–	CAP-M18-TB	2083431
			M30 size metric sensors, For flush mounting	–	CAP-M30-DB	2083541
			M30 size metric sensors, For non-flush installation	–	CAP-M30-DN	2083542
Sealing plug, diameter 30 mm	–	–	–	–	Sealing plug	5327613
Shield for weatherproof housing for use in dusty environments and for protecting against strong ambient light.	–	–	–	–	Protective tube for weather proof housing	2087693
Spare part without labeling. The SmartPlug cover protects the SmartPlug from dust and water. Includes 2 screws.	–	–	–	–	SmartPlug cover	2124567
Stainless steel protective cover for KHK53 read head	–	–	–	–	BEF-AP-KHK	2094296
Water protection	–	–	–	–	Cover for male connector	2016130
Weather hood	–	–	–	–	Weather protection hood	2058033
	Aluminum	Mounting hardware included	–	W24-2, W34	WSG1-01	1018470
Weather hood for RMS3xx	–	–	–	RMS3xx	Weather protection hood	2095958

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Weather hood for analyzer	Aluminum	–	–	–	Weather hood for analyzer	2095539
	Stainless steel	–	–	–	Weather hood for analyzer	2047253
Weather hood for analyzer extended for quick action flap	Aluminum	–	–	–	Weather hood for analyzer, extended	2065677
Weather hood for analyzer or reflector	–	–	–	–	Weather hood for analyzer	2044519
Weather hood for control unit, 1.4301, unpainted	–	–	–	–	Weather hood	5335404
Weather hood for probe, 1.4301, unlacquered. For DN65 PN6 protective pipe flange	–	–	–	–	Weather hood	5341512
Weather hood for probe, 1.4301, unpainted. For protection tube flange ANSI4°, DN80 PN10 (16)	–	–	–	–	Weather hood	5335406
Weather hood for reflector	–	–	–	–	Weather hood for reflector	4077932
Weather hood housing for DME5000	–	–	–	–	WSG-DME5	2027800
Weather hood housing for DS/DT500	–	–	–	–	WSG-DSDT	2031376
Weather hood, 190°	–	Weather hood, 190°, 3 x M5 x 12 screws	–	LMS10x, LMS11x, LMS12x, LMS13x, LMS14x, LMS15x, S100	Weather protection cover 190°	2046459
Weather hoof for SLV6 Ex-purge air unit	–	–	–	–	Weather hoof for purge air unit	2073298

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Weather proof cover	Aluminum	–	–	–	Weather proof cover	2048657
						2702407
Weath- er proof cover for Dusthunter with nomi- nal length > 735 mm	Aluminum	–	–	–	Weather hood	7047582
Weather proof cover for analyzer, does not cover purge air attachment	–	–	–	–	Weather proof cover for analyzer	2018206
Weather proof cover for external blower unit	Aluminum	–	–	–	Weatherproof cover for external blower unit	2084180
Weather proof cover for housing FWSE/FWR-D	Aluminum	–	–	–	Weather proof cover for housing FWSE/FWR-D	7040394
Weather protection cover for LFP Inox, material: 304	–	–	–	–	APR-WP-LFP001-0001	2069530
Weather pro- tection hood (180°), verti- cal mounting. In applica- tions with high shock/ vibration re- quirements, the optics cover must be checked regularly for damage.	Aluminum (pow- der-coating)	Weath- er hood, 8 x M6 x 10 screws, stainless steel, 8 x D6.4 wash- ers, stain- less steel	–	LMS511, LMS531, LMS581	Weather protection hood	2133702
Weather protection hood 270°	–	–	–	LMS10x, LMS11x, LMS12x, LMS13x, LMS14x, LMS15x, S100	Weather protection cover 270°	2046458
Weather protection hood for Dx35 / Dx50 / Dx50-2	–	–	–	–	OBW-KHS-M02	2050205
Weather pro- tection shield for LMS221 (180°), verti- cal mounting	–	–	–	–	Weather protection hood	4034559

Description	Material	Items supplied	Usable for	Suitable for	Type	Part no.
Weather protection shield for LMS221 (shorter blade), horizontal mounting	–	–	–	–	Weather protection hood	4039833
Weatherproof housing	–	Incl. protective tube against external light	–	–	WSG-DSDT	2049298
Connection mask with two additional cable glands	–	–	–	–	Connection mask	2029360
nanoScan3 optics cover spare part set with seal and screws	–	–	–	–	nanoScan3 optics cover spare part set	2111696

## 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.”

## WORLDWIDE PRESENCE:

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