



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

| Description | Material | Items supplied | Usable for | Suitable for | Type | Part no. |
|--|----------------------------|----------------|------------|--------------|------------------------------------|----------|
| 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 the GDM420 AUX interface | - | - | - | - | Connection mask | 2030565 |

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|--|----------|----------------|------------|--------------|-------------------------|----------|
| 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 |

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| 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 |

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|--|----------|----------------|------------|--------------|--|----------|
| 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 |
| ESD cover for CLV60x | - | - | - | - | ESD cover for CLV60x scanner | 2144317 |
| End cap assembly with 5 pin mini connector for MGSS/MSLS | - | - | - | - | MGSS-ECM-5 | 7022980 |
| End cap assembly with | - | - | - | - | MGSE-ECM-7 | 7022958 |

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| 7 pin mini 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 | - | Incl. gasket and screws | - | - | IP65 Ethernet protective cap | 2048510 |

| Description | Material | Items supplied | Usable for | Suitable for | Type | Part no. |
|---|----------|--|-------------|---------------------------|---|----------|
| Ethernet 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 |

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|---|---------------------------|----------------------------------|---------------------|---|------------------------------|----------|
| 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. | Stainless steel | Protection hood, Mounting screws | - | Visionary AI-Assist, 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 |

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| Protective cap with lock for power push-pull mounting frame, enclosure rating IP 65 | - | - | - | - | Protective cap | 5327762 |
| Protective cap, 1 piece | - | - | - | - | Protective cap | 5311099 |
| Protective cap, 10 pieces | - | - | - | - | Protective cap | 2019706 |
| 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 |
| 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 |
| Weather hood for analyzer | Aluminum | - | - | - | Weather hood for analyzer | 2095539 |
| | Stainless steel | - | - | - | Weather hood for analyzer | 2047253 |
| Weather hood for | Aluminum | - | - | - | Weather hood for analyzer, extended | 2065677 |

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| analyzer extended for quick action flap | | | | | | |
| 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° | Aluminum | Weather hood, 190°, 3 x cylinder head screws M5 x 12 | - | LMS10x, LMS11x, LMS12x, LMS13x, LMS14x, LMS15x, S100 | Weather protection cover 190° | 2046459 |
| Weather hood for SLV6 Ex-purge air unit | - | - | - | - | Weather hood for purge air unit | 2073298 |
| Weather proof cover | Aluminum | - | - | - | Weather proof cover | 2048657 2702407 |
| Weather proof cover for Dusthunter | Aluminum | - | - | - | Weather hood | 7047582 |

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| with nominal length > 735 mm | | | | | | |
| 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 (min. 250° aperture angle) to keep out precipitation and sunlight (compatible with: bottom weather hood (part no.: 2149386), Simple bracket (part no.: 2128226)) | Aluminum (powder-coating) | Weather hood, 2 x oval-head screws with M5 x 16 hexagon socket (material: A2-70, standard: ISO 7380-1) | - | - | Top weather hood (250°) | 2149385 |
| Weather protection (overhead mounting or close to the ground) to keep out precipitation and sunlight or water spray (compatible with: top weather hood (250°) (part no.: 2149385), simple bracket (part no.: 2128226), alignment bracket (part no.: 2124591)) | Aluminum (powder-coating) | Weather hood, 3 x oval-head screws with M5 x 8 hexagon socket (material: A2-70, standard: ISO 7380-1) | - | multiScan | Bottom weather hood | 2149386 |
| Weather protection cover for LFP Inox, material: 304 | - | - | - | - | APR-WP-LFP001-0001 | 2069530 |

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| Weather protection hood (180°), vertical mounting. In applications with high shock/vibration requirements, the optics cover must be checked regularly for damage. | Aluminum (powder-coating) | Weather hood, 8 x M6 x 10 screws, stainless steel, 8 x D6.4 washers, stainless steel | - | LMS511, LMS531, LMS581 | Weather protection hood | 2133702 |
| Weather protection hood 270° | Aluminum | Weather hood, 270°, 3 x cylinder head screws M5 x 12 | - | LMS10x, LMS11x, LMS12x, LMS13x, LMS14x, LMS15x, S100 | Weather protection cover 270° | 2046458 |
| Dx35 / Dx50 / Dx50-2 Weather protection hood for | - | - | - | - | OBW-KHS-M02 | 2050205 |
| Weather protection shield for LMS221 (180°), vertical mounting | - | - | - | - | Weather protection hood | 4034559 |
| 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.”

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