# LFP0500-G7NMC

SICK Sensor Intelligence.

**LEVEL SENSORS** 

LEVEL SENSORS

Illustration may differ

#### Ordering information

| Туре          | Part no. |
|---------------|----------|
| LFP0500-G7NMC | 1080618  |

Other models and accessories -> www.sick.com/LFP\_Inox



#### Detailed technical data

#### Features

| Medium              | Fluids             |
|---------------------|--------------------|
| Measurement         | Switch, Continuous |
| Design              | Standard           |
| Probe length        | 500 mm             |
| Process pressure    | -1 bar 16 bar      |
| Process temperature | -20 °C +150 °C     |
| UL approval         | ✓                  |
| RoHS certificate    | ✓                  |
| IO-Link             | ✓                  |
| EHEDG approval      | ✓                  |

#### Performance

| Accuracy of sensor element             | ± 5 mm   |
|--|--|
| Reproducibility                        | ≤ 2 mm   |
| Resolution                             | 1 mm   |
| Response time                          | < 400 ms <sup>1)</sup>   |
| Dielectricity constant                 | <ul> <li>≥ 5 for rod probe</li> <li>≥ 1.8 with coaxial tube</li> </ul> |
| Conductivity                           | No limitation  |
| Deactivated area at process connection | 25 mm <sup>2)</sup>  |
| Deactivated area at end of probe       | ≥ 10 mm <sup>3)</sup>  |
| MTTF                                   | 194.3 years (EN ISO 13849-1)   |
| Display                                | 1  |

 $^{(1)}$  Dependent on measuring mode (high speed < 400 ms, high accuracy < 2,800 ms).

 $^{2)}$  With parameterized container with water under reference conditions, otherwise 40 mm.

<sup>3)</sup> With water under reference conditions.

### Electronics

| Communication interface | IO-Link  |
|-------------------------|--|
| Supply voltage          | 12 V DC 30 V DC <sup>1)</sup>  |
| Power consumption       | $\leq$ 75 mA at 24 V DC without output load  |
| Initialization time     | ≤ 2 s  |
| Protection class        | III  |
| Connection type         | M12 round connector x 1, 8-pin   |
| Output signal           | 1 x PNP + 3 x PNP/NPN + 4 mA 20 mA / 0 V 10 V  |
| Output load             | 4 mA 20 mA < 500 0hm at Uv > 13,5 V, 4 mA 20 mA < 400 0hm at Uv > 12 V, 0 V 10 V > 750 0hm at Uv 14 $\geq$ V |
| Hysteresis              | Min. 2 mm, free adjustable   |
| Output current          | < 100 mA   |
| Inductive load          | <1H  |
| Capacitive load         | < 100 nF   |
| Enclosure rating        | IP67 / 69: EN 60529  |
| Temperature drift       | < 0.1 mm/K   |
| Lower signal level      | 3.8 mA 4 mA, 0 V   |
| Upper signal level      | 20 mA 20.5 mA, 10.5 V  |
| EMC                     | EN 61326-2-3, 2014/30/EU   |

 $^{\left( 1\right) }$  All connections are polarity protected. All outputs are overload and short-circuit protected.

#### Mechanics

| Wetted parts       | 316L (Ra ≤ 0,8 µm), PEEK |
|--------------------|--------------------------|
| Process connection | G ¾ A                    |
| Housing material   | 303                      |
| Housing design     | With closed cover        |
| Max. probe load    | ≤ 6 Nm                   |

#### Ambient data

| Ambient operating temperature | -20 °C +60 °C          |
|-------------------------------|------------------------|
| Ambient temperature, storage  | -40 °C +80 °C          |
| Outdoor use                   | Only with weather hood |

#### Classifications

| ECLASS 5.0   | 27200513 |
|--------------|----------|
| ECERSS 5.0   | 21200010 |
| ECLASS 5.1.4 | 27200513 |
| ECLASS 6.0   | 27200513 |
| ECLASS 6.2   | 27200513 |
| ECLASS 7.0   | 27200513 |
| ECLASS 8.0   | 27200513 |
| ECLASS 8.1   | 27200513 |
| ECLASS 9.0   | 27200513 |
| ECLASS 10.0  | 27200513 |

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| ECLASS 11.0    | 27200513 |
|----------------|----------|
| ECLASS 12.0    | 27200513 |
| ETIM 5.0       | EC001447 |
| ETIM 6.0       | EC001447 |
| ETIM 7.0       | EC001447 |
| ETIM 8.0       | EC001447 |
| UNSPSC 16.0901 | 41113710 |

## Type code

## Type code

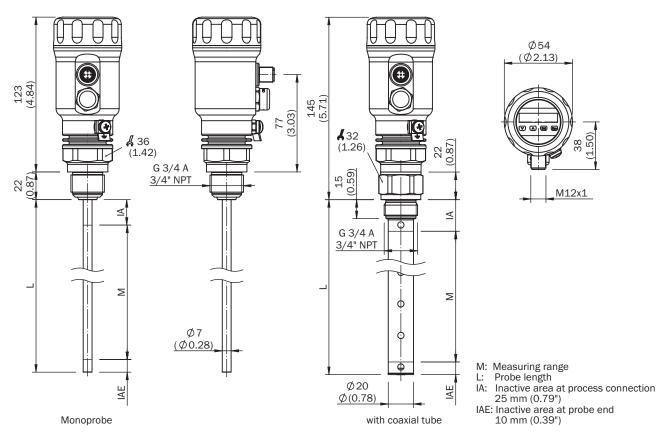
| Г | Probe leng<br>0025 |      | nout p | robe   | •       |                   |       |        |  |
|---|--------------------|------|--------|--------|---------|-------------------|-------|--------|--|
|   | 0200               | 200  | mm     | (in ir | crem    | ients d           | of 10 | ) mm)  | )  |
|   | 4000               | 4,00 | 00 mr  | n      |         |                   |       |        |  |
| L |                    |      | Pro    | cess   | conr    | ectio             | n/pi  | obe v  | version  |
|   |                    |      | С      | G 3    | ⁄4 A; p | orobe             | rod 2 | L.440  | 04 interchangeable; 150 °C 16 bar  |
|   |                    |      | D      | 3⁄4"   | NPT;    | probe             | e rod | 1.44   | 04 interchangeable; 150 °C 16 ba   |
|   |                    |      | G      |        |         |                   | ctior | for h  | ygienic adapters) / probe rod made   |
|   |                    |      |        |        |         | 1404              |       |        |  |
|   |                    |      | Ν      |        | ,       | •                 |       |        | 1.4404   |
|   |                    |      | Р      | tio    | n) / p  | robe r            | rod n | nade   | bharmaceutical process connec-<br>of 1.4404, Ra ≤ 0.4 μm (verifica-<br>3.1 material certificate, calibration |
|   |                    |      |        | cer    | tifica  | te                |       |        |  |
|   |                    |      |        | Но     | using   | (/disp            | olay/ | devic  | e connection   |
|   |                    |      |        | 1      |         |                   |       |        | using with display, cover with sight   |
|   |                    |      |        | L      |         |                   |       |        | 112 male connector   |
|   |                    |      |        | 2      | 5-1     | oin M1            | 12 m  | ale co | using with display, solid cover / 1 x onnector   |
|   |                    |      |        | 3      | id      | cover             | /1>   | 5-pir  | using 3-A-compliant with display, so<br>n M12 male connector   |
|   |                    |      |        | 6      |         |                   |       |        | using with display, cover with sight<br>112 male connector   |
|   |                    |      |        | 7      |         |                   |       |        | using with display, solid cover / 1 x onnector   |
|   |                    |      |        | Α      |         |                   |       |        | using with display, cover with sight   |
|   |                    |      |        |        |         |                   |       |        | ection, 5-pin  |
|   |                    |      |        | В      |         | ainles:<br>nnecti |       |        | using with display, solid cover/cable  |
|   |                    |      |        | С      | Sta     | ainles            | s-ste | el hou | using with display, cover with sight ection, 8-pin   |
|   |                    |      |        | D      | _       | ,                 |       |        | using with display, solid cover/cable  |
|   |                    |      |        | -      |         | nnecti            |       |        |  |
|   |                    |      |        |        |         |                   |       | •      | design   |
|   |                    |      |        | 1      | N       |                   | anda  | rd     | -  |
|   |                    |      |        |        | B       | _                 |       |        | lifier; length of cable 1 m  |
|   |                    |      |        |        | С       |                   |       |        | lifier; length of cable 2 m  |
|   |                    |      |        |        | D       | Re                | mote  | amp    | lifier; length of cable 3.3 m  |
|   |                    |      |        |        |         | Sig               | gnal  | outpu  | ıt   |
|   |                    |      |        |        |         | M                 | 4     | 20     | mA / 010 V, switchable   |
|   |                    |      |        |        |         |                   | S     | vitch  | ing output   |
|   |                    |      |        |        |         |                   | E     | 3 1    | x PNP + 1 x PNP/NPN  |
|   |                    |      |        |        |         |                   | (     | ) 1    | x PNP + 3 x PNP/NPN  |
|   |                    |      |        |        |         |                   |       | D      | evice type   |
|   |                    |      |        |        |         |                   |       |        | Standard   |
|   |                    |      |        |        |         |                   |       | L      | L LABS-cleaned   |
|   | Ţ                  |      |        |        |         |                   |       |        |  |
| 1 |                    |      |        |        |         |                   |       |        |  |
|   |                    | -    | 1      | 1      |         | M                 | 1     |        |  |

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### Dependence between length of coaxial cable and probe length

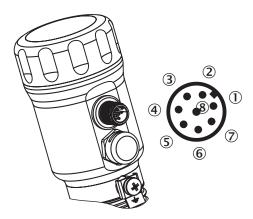
| Length of coaxial cable (mm) | Max. probe length (mm) - foam<br>mode deactivated | Max. probe length (mm) - foam<br>mode active |
|------------------------------|---|--|
| 1000                         | 4,000   | 2000   |
| 2000                         | 3,000   | 1500   |
| 3300                         | 1,000   | 500  |

## Dimensional drawing (Dimensions in mm (inch))



## Connection type

M12 round connector, 8-pin



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The wire colors for 8-pin cables are not uniform. Always note the pin assignment of the sensor.

- ① L<sup>+</sup>: Supply voltage
- ② Q<sub>2</sub>: Switching output 2, PNP/NPN
- ③ M: Ground, reference ground for current-/voltage output
- ④ C/Q<sub>1</sub>: Switching output 1, PNP/IO-Link-communication
- (5) Q<sub>3</sub>: Switching output 3, PNP/NPN
- ⑦ Q<sub>A</sub>: Analog current-/voltage output
- ⑧ No function

#### **Recommended accessories**

Other models and accessories -> www.sick.com/LFP\_Inox

|                | Brief description   | Туре                    | Part no. |
|----------------|---|-------------------------|----------|
| Hardware       |   |                         |          |
| (a)            | Weather protection cover for LFP Inox, material: 304  | APR-WP-<br>LFP001-0001  | 2069530  |
| Spare parts    |   |                         |          |
| T              | Cover closed, material 1.4305   | Cover closed            | 2067269  |
| 0              | Cover for LFP Inox with inspection window, material 1.4305 and PMMA   | Cover with front screen | 2067267  |
| Device protect | ction (mechanical)  |                         |          |
|                | Coaxial tube for LFP with process connection G $^{3\!}\!$                 | LFPCT-0200G1            | 2068141  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 300 mm  | LFPCT-0300G1            | 2068142  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 400 mm  | LFPCT-0400G1            | 2068143  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 500 mm  | LFPCT-0500G1            | 2068144  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 600 mm  | LFPCT-0600G1            | 2068145  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 640 mm  | LFPCT-0640G1            | 2087877  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 700 mm  | LFPCT-0700G1            | 2068146  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coax probe G 3/4, material 1.4571/316TI, for probe length 800 mm    | LFPCT-0800G1            | 2068147  |
|                | Coaxial probe for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 900 mm | LFPCT-0900G1            | 2067507  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1000 mm | LFPCT-1000G1            | 2065702  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1100 mm | LFPCT-1100G1            | 2068148  |
|                | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1200 mm | LFPCT-1200G1            | 2068149  |

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|            | Brief description  | Туре                   | Part no. |
|------------|--|------------------------|----------|
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material $1.4571/316TI$ , for probe length $1270$ mm   | LFPCT-1270G1           | 2142066  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1300 mm  | LFPCT-1300G1           | 2068150  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1400 mm  | LFPCT-1400G1           | 2068151  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1500 mm  | LFPCT-1500G1           | 2068152  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1600 mm  | LFPCT-1600G1           | 2068153  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1700 mm  | LFPCT-1700G1           | 2068154  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 1800 mm  | LFPCT-1800G1           | 2068155  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coax probe G 3/4, material 1.4571/316TI, for probe length 1900 mm  | LFPCT-1900G1           | 2068156  |
|            | Coaxial tube for LFP with process connection G 3/4, process connection of coaxial tube G 3/4, material 1.4571/316TI, for probe length 2000 mm  | LFPCT-2000G1           | 2065703  |
| Flanges    |  |                        |          |
| O          | Hygienic process connection adapter, coupling (DIN 11864-1) DN 25 form A with union nut; hygienic in accordance with EHEDG   | BEF-HA-<br>641D25-LFP1 | 2058795  |
|            | Hygienic process connection adapter, coupling (DIN 11864-2) DN 25 form A; hygienic in accordance with EHEDG $% \left( 1,1,2,2,3,3,3,3,3,3,3,3,3,3,3,3,3,3,3,3,$  | BEF-HA-<br>642D25-LFP1 | 2058823  |
|            | Hygienic process connection adapter, clamp coupling (DIN 11864-3) BKS DN 25 form A, hygienic in accordance with EHEDG  | BEF-HA-<br>643D25-LFP1 | 2058821  |
|            | Hygienic process connection adapter, conical coupling (DIN 11851), DN 25 <sup>th</sup> with<br>grooved cap nut; hygienic in accordance with EHEDG in combination with ASEPTO-STAR<br>k-flex upgrade gaskets from Kieselmann GmbH or SKS gasket set DIN 11851 EHEDG<br>with EPDM or FKM inner gasket from Siersema Komponenten Service (S.K.S.) B.V                           | BEF-HA-<br>851D25-LFP1 | 2058138  |
| $\bigcirc$ | Hygienic process connection adapter, conical coupling (DIN 11851), DN 40 <sup>G</sup> with grooved cap nut, material 1.4404 (Ra $\leq$ 0.8 µm); hygienic in accordance with EHEDG in combination with ASEPTO-STAR k-flex upgrade gaskets from Kieselmann GmbH or SKS gasket set DIN 11851 EHEDG with EPDM or FKM inner gasket from Siersema Komponenten Service (S.K.S.) B.V | BEF-HA-<br>851D40-LFP1 | 2058139  |
| $\bigcirc$ | Hygienic process connection adapter, conical coupling (DIN 11851), DN 50 <sup>G</sup> with<br>grooved cap nut; hygienic in accordance with EHEDG in combination with ASEPTO-STAR<br>k-flex upgrade gaskets from Kieselmann GmbH or SKS gasket set DIN 11851 EHEDG<br>with EPDM or FKM inner gasket from Siersema Komponenten Service (S.K.S.) B.V                            | BEF-HA-<br>851D50-LFP1 | 2058141  |
|            | Hygienic process connection adapter, conical coupling (DIN 11851), DN 65 <sup>th</sup> with<br>grooved cap nut; hygienic in accordance with EHEDG in combination with ASEPTO-STAR<br>k-flex upgrade gaskets from Kieselmann GmbH or SKS gasket set DIN 11851 EHEDG<br>with EPDM or FKM inner gasket from Siersema Komponenten Service (S.K.S.) B.V                           | BEF-HA-<br>851D65-LFP1 | 2063328  |
|            | Hygienic process connection adapter, Tri-Clamp 1" and 1 $\frac{1}{2}$ "; hygienic in accordance with EHEDG in combination with T-seals or Tri-Clamp seals from Combifit International B.V.   | BEF-HA-TCLI10-LFP1     | 2058808  |
|            | Hygienic process connection adapter, Tri-Clamp 1" and 1 $\frac{1}{2}$ ", including acceptance test certificate 3.1; Ra < 0.4 µm, hygienic in accordance with EHEDG in combination with T-seals or Tri-Clamp seals from Combifit International B.V.   | BEF-HA-TCLI10-LFP2     | 2126242  |
|            | Hygienic process connection adapter, Tri-Clamp 1" and $1\%$ " with leakage indication port according to 3-A guidelines   | BEF-HA-TCLI10-LFP3     | 2058851  |

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|   | Brief description   | Туре                    | Part no. |  |  |
|---|---|-------------------------|----------|--|--|
| ٢                                       | Hygienic process connection adapter, Tri-Clamp 2"; hygienic in accordance with EHEDG in combination with T-seals or Tri-Clamp seals from Combifit International B.V.  | BEF-HA-TCLI20-LFP1      | 2058824  |  |  |
|   | Hygienic process connection adapter, Tri-Clamp 2"; including acceptance test certificate 3.1; Ra $\leq$ 0.4 µm, hygienic in accordance with EHEDG in combination with T-seals or Tri-Clamp seals from Combifit International B.V.   | BEF-HA-TCLI20-LFP2      | 2126243  |  |  |
|   | Hygienic process connection adapter, Tri-Clamp 2 ½"; hygienic in accordance with EHEDG in combination with T-seals or Tri-Clamp seals from Combifit International B.V.  | BEF-HA-TCLI25-LFP1      | 2069518  |  |  |
|   | Hygienic process connection adapter, Varivent connection form N; hygienic in accor-<br>dance with EHEDG in combination with EPDM O-ring   | BEF-HA-VAR-<br>TYN-LFP1 | 2058822  |  |  |
|   | Weld-in flange, hygienic, G 3/4" including acceptance test certificate 3.1, Ra $\leq$ 0.4 $\mu\text{m},$ Stainless steel 1.4404   | BEF-HA-<br>SWFL54-LFP2  | 2122489  |  |  |
| Terminal and alignment brackets         |   |                         |          |  |  |
|   | 1 piece, Centering for bypass- and immersion tube installation with diameter 40 mm<br>100 mm, PTFE  | BEF-FL-BYRD40-LFP1      | 2059612  |  |  |
| Others                                  |   |                         |          |  |  |
| ~                                       | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 5-wire, PP</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones, Drag chain operation</li> </ul>   | DOL-1205-G02MRN         | 6058494  |  |  |
| ~                                       | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 5-wire, PP</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones, Drag chain operation</li> </ul>   | DOL-1205-G05MRN         | 6058495  |  |  |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 5-wire, PP</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Annification: Hydianic and washdown zones. Drag chain operation</li> </ul> | DOL-1205-G10MRN         | 6058496  |  |  |

• Application: Hygienic and washdown zones, Drag chain operation

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|    | Brief description  | Туре            | Part no. |
|----|--|-----------------|----------|
| ~  | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 25 m, 5-wire, PVC</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB).<br/>Please do not use cleaning agents of any other Kind., Not resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones</li> </ul>   | DOL-1205-G25MNI | 6052628  |
| 6  | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 25 m, 5-wire, PP</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones, Drag chain operation</li> </ul> | DOL-1205-G25MRN | 6058497  |
| 10 | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 5-wire, PVC</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB).<br/>Please do not use cleaning agents of any other Kind., Not resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones</li> </ul>  | DOL-1205-GO2MNI | 6052625  |
| ~  | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 5-wire, PVC</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB).<br/>Please do not use cleaning agents of any other Kind., Not resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones</li> </ul>  | DOL-1205-G05MNI | 6052626  |
|    | <ul> <li>Connection type head A: Female connector, M12, 5-pin, straight</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 5-wire, PVC</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Connection systems: Flying leads</li> <li>Note: This product is generally resistant to chemical cleaning agents (see ECOLAB).<br/>Please do not use cleaning agents of any other Kind., Not resistant against lactic acid &amp; hydrogen peroxide (H2O2)</li> <li>Application: Hygienic and washdown zones</li> </ul>   | DOL-1205-G10MNI | 6052627  |

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#### **Recommended services**

Additional services -> www.sick.com/LFP\_Inox

|  | Туре                   | Part no.   |
|--|------------------------|------------|
| Function Block Factory   |                        |            |
| <ul> <li>Description: The Function Block Factory is an engineering tool for creating device and environment-specific function blocks that enable IO-Link sensors to be integrated into programmable logic controllers. The Function Block Factory supports common programmable logic controllers (PLCs) of various manufacturers such as Siemens, Beckhoff, Rock-well Automation B&amp;R and more. More information on the FBF can be found <a href="https://fbf.cloud.sick.com" target="_blank">https://fbf.cloud.sick.com</a></li> <li>Provision: Customers can obtain access to the Function Block Factory and the license via <a href="https://fbf.cloud.sick.com" target="_blank">https://fbf.cloud.sick.com</a></li> </ul> | Function Block Factory | On request |

## 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:

Contacts and other locations -www.sick.com



Online data sheet

