



SICK Sensor Intelligence.

**LEVEL SENSORS** 

LEVEL SENSORS



#### Ordering information

Туре	Part no.
LFP2200-G1CMB	1094308

2077391 included in delivery

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





#### Detailed technical data

#### Features

Medium	Fluids
Measurement	Switch, Continuous
Design	Remote amplifier, length of cable 2 m
Probe length	2,200 mm
Process pressure	-1 bar 16 bar
Process temperature	-20 °C +180 °C
UL approval	✓
RoHS certificate	✓
IO-Link	✓
EHEDG approval	$\checkmark$

#### 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	✓

 $^{1)}$  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.

 $^{\rm 3)}$  With water under reference conditions.

#### Electronics

LICOUDINGS	
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	Round connector M12 x 1, 5-pin
Length of cable	2 m
Output signal	1 x PNP + 1 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 3⁄4 A
Housing material	303
Housing design	With viewing window made from PMMA (acrylic glass)
Max. probe load	≤ 6 Nm
Material coaxial cable	FEP
Length coaxial cable	2 m
Ambient data	
Ambient operating temperature	-20 °C +60 °C
Ambient temperature, storage	-40 °C +80 °C
Ambient temperature coaxial cable	-20 °C +60 °C
Outdoor use	Only with weather hood
Classifications	
ECLASS 5.0	27200513
ECLASS 5.1.4	27200513
ECLASS 6.0	27200513
ECLASS 6.2	27200513
ECLASS 7.0	27200513

27200513

ECLASS 8.0

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ECLASS 8.1	27200513
ECLASS 9.0	27200513
ECLASS 10.0	27200513
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

Utility       Without probe         2000       200 mm (in increments of 10 mm)         4,000       4,000 mm         Process connection/probe version         C       6 % A; probe rod 1.4404 interchangeable; 150 °C 16 bar         D       %* NPT; probe rod 1.4404 interchangeable; 150 °C 16 bar         D       %* NPT; probe rod 1.4404         P       %* A (connection for plarmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing /display/device connection         I       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         7       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         8       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         D       Stainless-steel housing with display, solid cover/cable connection, 5-pin         D	Probe len	gth in mm				
0200       200 mm (in increments of 10 mm)         4000       Process connection/probe version         C       G % A; probe rod 1.4404 interchangeable; 150 °C 16 bar         D       %* NPT; probe rod 1.4404         P       G % A (connection for hygienic adapters) / probe rod made from 1.4404         N       %* NPT/probe rod from 1.4404         P       G % A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection       1         Stainless-steel housing with display, cover with sight glass / 1 × 5-pin M12 male connector         3       Stainless-steel housing with display, cover with sight glass / 1 × 5-pin M12 male connector         G       Stainless-steel housing with display, cover with sight glass / 1 × 5-pin M12 male connector         G       Stainless-steel housing with display, solid cover / 1 x S-pin M12 male connector         G       Stainless-steel housing with display, solid cover/cable connection, S-pin         B       Stainless-steel housing with display, solid cover/cable connection, S-pin         B       Stainless-steel housing with display, solid cover/cable connection, S-pin         B       Stainless-steel housing with display, solid cover/cable connection, S-pin         B       Stainless-steel housing with display, solid cover/cable connection, S-pin		-				
4000       4.000 mm         Process connection/probe version         C       G % A: probe rod 1.4404 interchangeable; 150 °C 16 bar         G       G % A: (connection for hygienic adapters) / probe rod made from 1.4404         N       %" NPT; probe rod from 1.4404         P       G % A: (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Volume       Tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover / 1x         S tainless-steel housing with display, solid cover/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, solid cover/cable connection, 5-pin         D       Stainless-steel housing with display, solid cover/cable connection, 5-pin         D       Stainless-ste		•				
C       G ¾ A; probe rod 1.4404 interchangeable; 150 °C 16 bar         D       ¾ NPT; probe rod 1.4404         P       G ¾ A (connection for hygienic adapters) / probe rod made from 1.4404         N       ¾ NPT/probe rod from 1.4404         P       G ¼ A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra \$ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing with display, sold cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, sold cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, sold cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, sold cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, sold cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, sold cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, sold cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, sold cover/cable connection, 8-pin         8       Stainless-steel housing with display, solid cover/cable connection, 8-pin         9       Stainless-						
D       %* NPT; probe rod 1.4404 interchangeable; 150 °C 16 bar         G       3% A (connection for hygienic adapters) / probe rod made from 1.4404         N       %* NPT/probe rod from 1.4404         P       G 3% A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection       1         Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         6       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         8       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         A       Stainless-steel housing with display, solid cover/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         B       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin <th></th> <th>Process connection/probe version</th>		Process connection/probe version				
G       G % A (connection for hygienic adapters) / probe rod made from 1.4404         N       %" NPT/probe rod from 1.4404         P       G % A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra \$ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, solid cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector, 5-pin         8       Stainless-steel housing with display, solid cover/cable connection, 5-pin         8       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         1       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Remote amplifier; length of cable 1 m		C G <sup>3</sup> / <sub>4</sub> A; probe rod 1.4404 interchangeable; 150 °C 16 bar				
from 1.4404         N         3/4" NPT/probe rod from 1.4404         P         G 3/4 A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing 3.4-compliant with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, coure with sight glass / 1 x 8-pin M12 male connector         6       Stainless-steel housing with display, coure with sight glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, coure with sight glass / 1 x 8-pin M12 male connector         8       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover/cable connection, 5-pin         8       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         B       Remote amplifier; length of cable 1 m		D 3/4" NPT; probe rod 1.4404 interchangeable; 150 °C 16 bar				
N       ¾" NPT/probe rod from 1.4404         P       G ¾A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, solid cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         8       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         9       Stainless-steel housing with display, solid cover/cable connection, 5-pin         10       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         11       Stainless-steel housing with display, solid cover/cable connection, 8-pin         12       Stainless-steel housing with display, solid cover/cable connection, 5-pin         13       Stainless-steel housing with display, solid cover/cable connection, 8-pin         14       B       Remote amplifier; length of cable 1 m         14       B       Remote amplifier; length of cable 2 m <th></th> <th>G G 3/4 A (connection for hygienic adapters) / probe rod made</th>		G G 3/4 A (connection for hygienic adapters) / probe rod made				
P       G 34 A (connection for pharmaceutical process connection) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate         Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, cover with sight glass/cable connecton, 5-pin         8       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         8       Stainless-steel housing with display, solid cover / cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D </td <td></td> <td colspan="5">from 1.4404</td>		from 1.4404				
<ul> <li>tion) / probe rod made of 1.4404, Ra ≤ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration certificate</li> <li>Housing/display/device connection         <ol> <li>Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector</li> <li>Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector</li> <li>Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, solid cover/cable connection, 5-pin</li> <li>Stainless-steel housing with display, solid cover/cable connection, 8-pin</li> <li>Stainless-steel housing with display. solid cover/cable connection, 8-pin</li> <li>Stainless-steel housing with display. Solid cover/cable connection, 8-pin</li> <li>Staindard</li> <li>B Remote amplifier; length of cable 1 m Remote amplifier; length of cable 2 m</li> <li>D Remote amplifier; length of cable 3.3 m</li> <li>Signal output</li> <li>B 1 x PNP + 1 x PNP/NPN</li> <li>C 1 x PNP + 3 x PNP/NPN</li></ol></li></ul>		N 3/4" NPT/probe rod from 1.4404				
Housing/display/device connection         1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         8       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         0       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Remote amplifier; length of cable 1 m         1       Remote amplifier; length of cable 2 m         0       Remote am		tion) / probe rod made of 1.4404, Ra $\leq$ 0.4 µm (verification), 150 °C, 16 bar, 3.1 material certificate, calibration				
1       Stainless-steel housing with display, cover with sight glass / 1 x 5-pin M12 male connector         2       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         3       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         8       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         8       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         0       Stainless-steel housing with display, solid cover/cable connection, 8-pin         10       Stainless-steel housing with display, solid cover/cable connection, 8-pin         11       M       Remote amplifier; length of cable 1 m         11       Remote amplifier; length of cable 2 m       D         12       M      20 mA / 010 V,						
glass / 1 x 5-pin M12 male connector 2 Stainless-steel housing with display, solid cover / 1 x 5-pin M12 male connector 3 Stainless-steel housing 3-A-compliant with display, sol- id cover / 1 x 5-pin M12 male connector 6 Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector 7 Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector A Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin B Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin C Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin D Stainless-steel housing with display, solid cover/cable connection, 8-pin M Application type/design N Standard Remote amplifier; length of cable 1 m Remote amplifier; length of cable 2 m Remote amplifier; length of cable 3.3 m Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN 1 x PNP + 3 x PNP/NPN Device type Standard L LABS-cleaned						
5-pin M12 male connector         3       Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector         6       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         A       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         A       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 8-pin         C       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Remote amplifier; length of cable 1 m         Remote amplifier; length of cable 2 m       D         D       Remote amplifier; length of cable 3.3 m         Signal ou		glass / 1 x 5-pin M12 male connector				
<ul> <li>Stainless-steel housing 3-A-compliant with display, solid cover / 1 x 5-pin M12 male connector</li> <li>Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector</li> <li>Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector</li> <li>A Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin</li> <li>B Stainless-steel housing with display, solid cover/cable connection, 5-pin</li> <li>C Stainless-steel housing with display, solid cover/cable connection, 8-pin</li> <li>D Stainless-steel housing with display, solid cover/cable connection, 8-pin</li> <li>M Standard</li> <li>B Remote amplifier; length of cable 1 m Remote amplifier; length of cable 2 m Remote amplifier; length of cable 3.3 m</li> <li>Signal output</li> <li>M 4 20 mA / 010 V, switchable</li> <li>Switching output</li> <li>M 4 20 mA / 010 V, switchable</li> <li>Standard</li> <li>L x PNP + 1 x PNP/NPN 1 x PNP/NPN</li> <li>D Standard</li> <li>L ABS-cleaned</li> </ul>						
id cover / 1 x 5-pin M12 male connector 6 Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector 7 Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector A Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin B Stainless-steel housing with display, solid cover/cable connection, 5-pin C Stainless-steel housing with display, solid cover/cable connection, 8-pin D Stainless-steel housing with display, solid cover/cable connection, 8-pin Application type/design N Standard B Remote amplifier; length of cable 1 m C Remote amplifier; length of cable 2 m D Remote amplifier; length of cable 3.3 m Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN 1 x PNP + 3 x PNP/NPN Device type Standard L LABS-cleaned						
6       Stainless-steel housing with display, cover with sight glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         A       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Standard         Remote amplifier; length of cable 1 m         Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         M       1 x PNP + 1 x PNP/NPN         Device type       Standard         LABS-cleaned       LABS-cleaned						
glass / 1 x 8-pin M12 male connector         7       Stainless-steel housing with display, solid cover / 1 x 8-pin M12 male connector         A       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Standard         Remote amplifier; length of cable 1 m         Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         B       1 x PNP + 1 x PNP/NPN         Device type       Standard         L       LABS-cleaned						
7       Stainless-steel housing with display, solid cover / 1 x         8-pin M12 male connector       A         Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin       B         C       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Staindard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M       4 20 mA / 010 V, switchable         Switching output       B       1 x PNP + 1 x PNP/NPN         D       Device type       Standard         L       LABS-cleaned       LABS-cleaned						
A       Stainless-steel housing with display, cover with sight glass/cable connection, 5-pin         B       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         Application type/design       N         Standard       B         Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       I x PNP + 1 x PNP/NPN         D       Remote type         Standard       L         LABS-cleaned       LABS-cleaned		7 Stainless-steel housing with display, solid cover / 1 x				
B       Stainless-steel housing with display, solid cover/cable connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         Application type/design       N         Remote amplifier; length of cable 1 m       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         D       1 x PNP + 1 x PNP/NPN         C       1 x PNP + 3 x PNP/NPN         Device type       Standard         LABS-cleaned       LABS-cleaned		A Stainless-steel housing with display, cover with sight				
connection, 5-pin         C       Stainless-steel housing with display, cover with sight glass/cable connection, 8-pin         D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         Application type/design       Application type/design         N       Standard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         I       X PNP + 1 x PNP/NPN         C       1 x PNP + 3 x PNP/NPN         D       Standard         L       LABS-cleaned						
glass/cable connection, 8-pin D Stainless-steel housing with display, solid cover/cable connection, 8-pin Application type/design N Standard B Remote amplifier; length of cable 1 m Remote amplifier; length of cable 2 m D Remote amplifier; length of cable 2 m D Remote amplifier; length of cable 3.3 m Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN Device type Standard L LABS-cleaned						
D       Stainless-steel housing with display, solid cover/cable connection, 8-pin         Application type/design         N       Standard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       I x PNP + 1 x PNP/NPN         I x PNP + 1 x PNP/NPN       Device type         Standard       L         LABS-cleaned       LABS-cleaned		C Stainless-steel housing with display, cover with sight				
connection, 8-pin         Application type/design         N       Standard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         C       1 x PNP + 1 x PNP/NPN         Device type       Standard         L       LABS-cleaned		glass/cable connection, 8-pin				
Application type/design         N       Standard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         Ix PNP + 1x PNP/NPN         C       1 x PNP + 1x PNP/NPN         C       1 x PNP + 3 x PNP/NPN         Device type       Standard         L       LABS-cleaned						
N       Standard         B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 0 10 V, switchable         Switching output       B         I x PNP + 1 x PNP/NPN         C       1 x PNP + 3 x PNP/NPN         Device type         Standard         L       LABS-cleaned						
B       Remote amplifier; length of cable 1 m         C       Remote amplifier; length of cable 2 m         D       Remote amplifier; length of cable 3.3 m         Signal output       M         M       4 20 mA / 010 V, switchable         Switching output       B         1 x PNP + 1 x PNP/NPN         C       1 x PNP + 3 x PNP/NPN         Device type         Standard         L         LABS-cleaned						
C Remote amplifier; length of cable 2 m Remote amplifier; length of cable 3.3 m Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN C 1 x PNP + 3 x PNP/NPN Device type Standard L LABS-cleaned						
D Remote amplifier; length of cable 3.3 m Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN C 1 x PNP + 3 x PNP/NPN Device type Standard L LABS-cleaned						
Signal output M 4 20 mA / 010 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN C 1 x PNP + 3 x PNP/NPN Device type Standard L LABS-cleaned						
M 4 20 mA / 0 10 V, switchable Switching output B 1 x PNP + 1 x PNP/NPN C 1 x PNP + 3 x PNP/NPN Device type Standard LABS-cleaned						
Switching output B 1 x PNP + 1 x PNP/NPN C 1 x PNP + 3 x PNP/NPN Device type Standard L ABS-cleaned						
B 1 x PNP + 1 x PNP/NPN 1 x PNP + 3 x PNP/NPN Device type Standard L ABS-cleaned						
C 1 x PNP + 3 x PNP/NPN Device type Standard L ABS-cleaned						
Device type Standard LABS-cleaned						
L Standard LABS-cleaned						
LFP - M M						
LFP - M M						
	LFP	- M M				

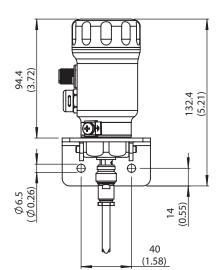
#### Not all variants of the type code can be combined!

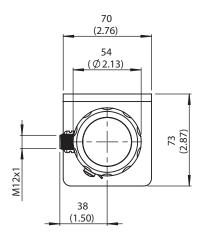
#### Dependence between length of coaxial cable and probe length

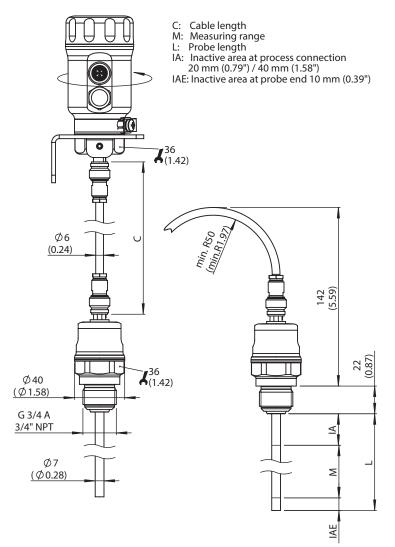
Length of coaxial cable (mm)	Max. probe length (mm) - foam mode deactivated	Max. probe length (mm) - foam mode active
1000	4,000	2000
2000	3,000	1500
3300	1,000	500

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

Remote amplifier





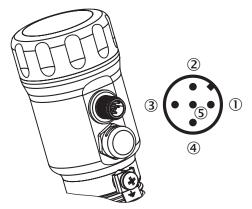


All dimensions in mm (inch)

LEVEL SENSORS

#### Connection type

5-pole M12 Connector



- (1)  $L^+$ : Supply voltage, brown
- ② Q<sub>A</sub>: Analog current-/voltage output, white
- (a) M: Ground, reference ground for current-/voltage output, blue (c)  $C/Q_1$ : Switching output 1, PNP/IO-Link-communication, black
- ⑤ Q<sub>2</sub>: Switching output 2, PNP/NPN, grey

#### **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- LFP001-0001	2069530
Spare parts			
10 10	Spare coaxial cable for LFP Inox, remote amplifier, length 2 m	CBL-CX-002000-LFPI	2077796
T	Cover closed, material 1.4305	Cover closed	2067269
Ó	Cover for LFP Inox with inspection window, material 1.4305 and PMMA	Cover with front screen	2067267
Device protect	tion (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

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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 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 $1.4571/316$ Tl, 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
	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			
()	Hygienic process connection adapter, coupling (DIN 11864-1) DN 25 form A with union nut; hygienic in accordance with EHEDG $$	BEF-HA- 641D25-LFP1	2058795
	Hygienic process connection adapter, coupling (DIN 11864-2) DN 25 form A; hygienic in accordance with EHEDG	BEF-HA- 642D25-LFP1	2058823
	Hygienic process connection adapter, clamp coupling (DIN 11864-3) BKS DN 25 form A, hygienic in accordance with EHEDG	BEF-HA- 643D25-LFP1	2058821
	Hygienic process connection adapter, conical coupling (DIN 11851), DN 25 <sup>s</sup> with grooved cap nut; 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- 851D25-LFP1	2058138
0	Hygienic process connection adapter, conical coupling (DIN 11851), DN 40 $^\circ$ with grooved cap nut, material 1.4404 (Ra $\leq$ 0.8 $\mu$ m); 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- 851D40-LFP1	2058139

LEVEL SENSORS

	Brief description	Туре	Part no.
$\bigcirc$	Hygienic process connection adapter, conical coupling (DIN 11851), DN 50 with grooved cap nut; 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- 851D50-LFP1	2058141
	Hygienic process connection adapter, conical coupling (DIN 11851), DN 65 <sup>-</sup> with grooved cap nut; 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- 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 $\leq$ 0.4 $\mu$ m, 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 $1^{1}\!\!\!/_2$ " with leakage indication port according to 3-A guidelines	BEF-HA-TCLI10-LFP3	2058851
	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 $^{1\!/}_2$ "; 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- dance with EHEDG in combination with EPDM O-ring	BEF-HA-VAR- 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- SWFL54-LFP2	2122489
Terminal and	alignment brackets		
	1 piece, Centering for bypass- and immersion tube installation with diameter 40 mm 100 mm, PTFE	BEF-FL-BYRD40-LFP1	2059612
Others			
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: 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
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: 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> </ul>	DOL-1205-G05MRN	6058495

be checked., Resistant against lactic acid & hydrogen peroxide (H2O2) • Application: Hygienic and washdown zones, Drag chain operation

# LFP2200-G1CMB | LFP Inox LEVEL SENSORS

	Brief description	Туре	Part no.
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: 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>Application: Hygienic and washdown zones, Drag chain operation</li> </ul>	DOL-1205-G10MRN	6058496
~	<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). 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
•0	<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). 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-G02MNI	6052625
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: 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). 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
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: 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). 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

#### **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, Rockwell Automation B&amp;R and more. More information on the FBF can be found <a href="https://fbf.cloud.sick.com" target="_blank">here </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

