SICK Sensor Intelligence.

**LEVEL SENSORS** 

LEVEL SENSORS

Illustration may differ

### Ordering information

Туре	Part no.
LFP2000-GANMB	1080630

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



## Detailed technical data

#### Features

Medium	Fluids
Measurement	Switch, Continuous
Design	Standard
Probe length	2,000 mm
Process pressure	-1 bar 16 bar
Process temperature	-20 °C +150 °C
UL approval	$\checkmark$
RoHS certificate	$\checkmark$
IO-Link	$\checkmark$
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

Supply voltage12 V D C 30 V D C <sup>1</sup> Power consumption12 V D C 30 V D C <sup>1</sup> Power consumption< 75 mA at 24 V D C without output load		
Prover consumption< 75 mA at 24 V DC without output load	Communication interface	IO-Link
Initialization time< 2 s	Supply voltage	12 V DC 30 V DC <sup>1)</sup>
Protection class         III           Connection type         Cable connector M12 x 1, 5-polig           Length of cable         10 m           Output signal         1x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0V 10 V           Output load         1x PNP + 1 x PNP/NPN + 4 mA 20 mA / 400 Ohm at Uv > 12 V, 0V 10 V           Protection type         mA 20 mA < 500 Ohm at Uv > 13,5 V, 4 mA 20 mA < 400 Ohm at Uv > 12 V, 0V 10 V           Output load         Min. 2 mn, free adjustable           Output current         <100 mA           Inductive load         <11 H           Capacitive load         <100 nF           Enclosure rating         P67 / 69: EN 60529           Temperature drift         <0.1 mm/K           Lower signal level         38 mA 4 mA, 0 V	Power consumption	$\leq$ 75 mA at 24 V DC without output load
Connection typeCable connector M12 x 1, 5-poligLength of cable10 mOutput signal1 x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0 V 10 VOutput load4 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 ≥ VHysteresisMin. 2 mm, free adjustableOutput current< 100 mAInductive load< 1 HCapacitive load< 100 nFEnclosure ratingIP67 / 69: EN 60529Temperature drift< 0.1 mm/KLower signal level3.8 mA 4 mA, 0 VUnder Signal level20 mA 20.5 mA, 10.5 V	Initialization time	≤ 2 s
Length of cable10 mOutput signal1 x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0 V 10 VOutput load4 mA 20 mA < 500 Ohm at Uv > 13,5 V, 4 mA 20 mA < 400 Ohm at Uv > 12 V, 0 V 10 V > 750 Ohm at Uv 14 ≥ VHysteresisMin. 2 mm, free adjustableOutput current< 100 mA	Protection class	III
Output signal1x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0 V 10 VOutput load1 x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0 V 10 VOutput load4 mA 20 mA < 500 Ohm at Uv > 13,5 V, 4 mA 20 mA < 400 Ohm at Uv > 12 V, 0 V 10 V > 750 Ohm at Uv 14 ≥ VHysteresisMin. 2 mm, free adjustableOutput current< 100 mA	Connection type	Cable connector M12 x 1, 5-polig
Output load       A mA 20 mA < 500 Ohm at Uv > 13,5 V, 4 mA 20 mA < 400 Ohm at Uv > 12 V, 0 V 10 V > 750 Ohm at Uv 14 ≥ V         Hysteresis       Min. 2 mm, free adjustable         Output current       < 100 mA         Inductive load       < 1 H         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	Length of cable	10 m
> 750 Ohm at Uv 14 ≥ VHysteresisMin. 2 mm, free adjustableOutput current< 100 mA	Output signal	1 x PNP + 1 x PNP/NPN + 4 mA 20 mA / 0 V 10 V
Output current< 100 mA	Output load	
Inductive load< 1 H	Hysteresis	Min. 2 mm, free adjustable
Capacitive load< 100 nF	Output current	< 100 mA
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	Inductive load	<1H
Temperature drift< 0.1 mm/KLower signal level3.8 mA 4 mA, 0 VUpper signal level20 mA 20.5 mA, 10.5 V	Capacitive load	< 100 nF
Lower signal level         3.8 mA 4 mA, 0 V           Upper signal level         20 mA 20.5 mA, 10.5 V	Enclosure rating	IP67 / 69: EN 60529
Upper signal level         20 mA 20.5 mA, 10.5 V	Temperature drift	< 0.1 mm/K
	Lower signal level	3.8 mA 4 mA, 0 V
EMC EN 61326-2-3, 2014/30/EU	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
Length coaxial cable	10 m

## 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
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

LEVEL SENSORS

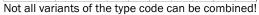
ECLASS 9.0	27200513
ECLASS 10.0	27200513
ECLASS 11.0	27200513
ECLASS 12.0	27200513
ETIM 5.0	EC001447
ETIM 6.0	EC001447
ETIM 7.0	EC001447
ETIM 8.0	EC001447
UNSPSC 16.0901	41113710

## Type code

## Type code

## Probe length in mm

	0025	Withou	Without probe			
0200 200 mm (			m (i	in increments of 10 mm)		
4000 4,000 mr			mm	n		
		P	roce	ess c	onnection/probe version	
			С	G ¾	A; probe rod 1.4404 interchangeable; 150 °C 16 bar	
			D	3⁄4" N	IPT; probe rod 1.4404 interchangeable; 150 °C 16 bar	
			G		A (connection for hygienic adapters) / probe rod made	
					1.4404	
			N	3⁄4" N	IPT/probe rod from 1.4404	
					A (connection for pharmaceutical process connec-	
					/ probe rod made of 1.4404, Ra $\leq$ 0.4 µm (verifica-	
					, 150 °C, 16 bar, 3.1 material certificate, calibration	
					ficate	
					sing/display/device connection	
				1	Stainless-steel housing with display, cover with sight	
				2	glass / 1 x 5-pin M12 male connector Stainless-steel housing with display, solid cover / 1 x	
				2	5-pin M12 male connector	
				3	Stainless-steel housing 3-A-compliant with display, sol-	
				5	id cover $/ 1 \times 5$ -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	
				А	Stainless-steel housing with display, cover with sight	
					glass/cable connection, 5-pin	
				В	Stainless-steel housing with display, solid cover/cable	
				_	connection, 5-pin	
				С	Stainless-steel housing with display, cover with sight	
				D	glass/cable connection, 8-pin Stainless-steel housing with display, solid cover/cable	
				U	connection, 8-pin	
			L		Application type/design	
				i i	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	
				1	Signal output	
					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	
					L LABS-cleaned	
		,	•	•	$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$	
LFP	•	-		-		
- <b>-</b> - 11						

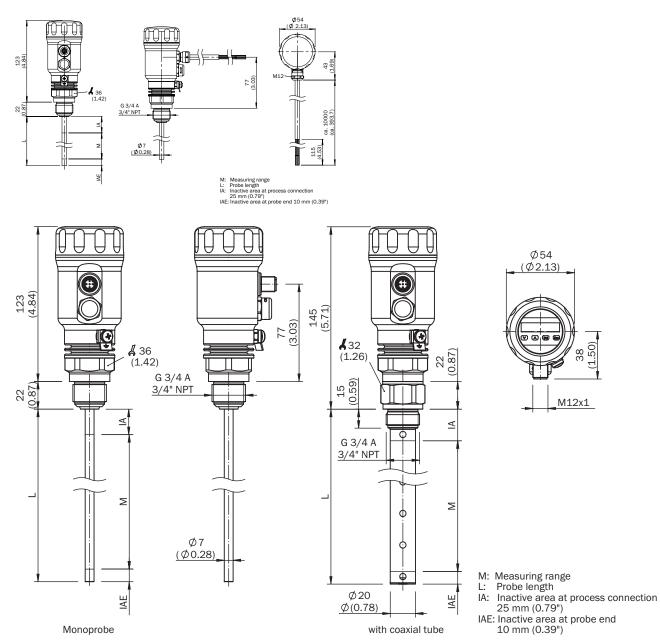


LEVEL SENSORS

## 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))



50

80

LEVEL SENSORS

### Connection type

Cable connector, 5-pin

(1)  $L^+$ : Supply voltage, brown

- ② Q<sub>A</sub>: Analog current-/voltage output, white
- ③ M: Ground, reference ground for current-/voltage output, blue
- ④ C/Q1: 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			
T	Cover closed, material 1.4305	Cover closed	2067269
O	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
	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

# LFP2000-GANMB | LFP Inox LEVEL SENSORS

	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 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 $% \mathcal{A}$	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>5</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
$\bigcirc$	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
$\overline{\mathbf{O}}$	Hygienic process connection adapter, conical coupling (DIN 11851), DN 50 <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- 851D50-LFP1	2058141
	Hygienic process connection adapter, conical coupling (DIN 11851), DN 65 <sup>c</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

LEVEL SENSORS

	Brief description	Туре	Part no.
۲	Hygienic process connection adapter, Tri-Clamp 1" and 1 ½"; 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 ½", 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-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
	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- 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 $\mu m,$ Stainless steel 1.4404	BEF-HA- SWFL54-LFP2	2122489
erminal and	d alignment brackets		
	1 piece, Centering for bypass- and immersion tube installation with diameter 40 mm 100 mm, $\ensuremath{PTFE}$	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

• Application: Hygienic and washdown zones, Drag chain operation

# LFP2000-GANMB | LFP Inox LEVEL SENSORS

	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: 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
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, 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
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<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>	DOI-1205-G25MRN	6058497
	<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
	<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
	<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

