Online data sheet



LFP1000-N1BMB

LFP Inox

LEVEL SENSORS

SICK
Sensor Intelligence.



Illustration may differ

Ordering information

Type	Part no.
LFP1000-N1BMB	1071134

Other models and accessories → www.sick.com/LFP_Inox

Detailed technical data

Features

Medium	Fluids
Measurement	Switch, Continuous
Design	Remote amplifier, length of cable 1 m
Probe length	1,000 mm
Process pressure	–1 bar ... 16 bar
Process temperature	–20 °C ... +180 °C
GOST approval	✓
UL approval	✓
RoHS certificate	✓
IO-Link	✓
EHEDG approval	✓

Performance

Accuracy of sensor element	± 5 mm
Repeatability	≤ 2 mm
Resolution	< 2 mm
Response time	< 400 ms [1]
Dielectricity constant	≥ 5 for mono probe ≥ 1.8 with coaxial tube
Conductivity	No limitation
Deactivated area at end of probe	10 mm [2]
MTTF	194.3 years (EN ISO 13849-1)

[1] Dependent on measuring mode (high speed < 400 ms, high accuracy < 2,800 ms).

[2] With water under reference conditions.

Electronics

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

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