Online data sheet




# LFP1700-A5NMC

## LFP Cubic

**LEVEL SENSORS**

SICK
Sensor Intelligence.



Illustration may differ

## Ordering information

| Type | Part no. |
|---|---|
| LFP1700-A5NMC | 1062260 |

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

## Detailed technical data

### Features

| | |
|---|---|
| **Medium** | Fluids |
| **Measurement** | Switch, Continuous |
| **Design** | Standard |
| **Probe type** | Mono rod probe |
| **Probe length** | 1,700 mm |
| **Process pressure** | –1 bar ... 10 bar |
| **Process temperature** | –20 °C ... +100 °C |
| **GOST approval** | ✓ |
| **RoHS certificate** | ✓ |
| **IO-Link** | ✓ |
| **CULus certificate** | ✓ |

### Performance

| | |
|---|---|
| **Accuracy of sensor element** | ± 5 mm [1)] |
| **Repeatability** | ≤ 2 mm |
| **Resolution** | < 2 mm |
| **Response time** | < 400 ms |
| **Dielectricity constant** | ≥ 5 for mono rod probe / rope probe<br>≥ 1.8 with coaxial tube |
| **Conductivity** | No limitation |
| **Maximum level change** | ≤ 500 mm/s |
| **Deactivated area at end of probe** | 10 mm [1)] |

[1)] With water under reference conditions.

| | |
|---|---|
| **MTTF** | 194.3 years (EN ISO 13849-1) |

[1] 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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