



LFV330-XXGBVX8R0300

LFV300

LEVEL SENSORS

SICK
Sensor Intelligence.



Ordering information

| Type | Part no. |
|---------------------|----------|
| LFV330-XXGBVX8R0300 | 6039664 |

Other models and accessories → www.sick.com/LFV300

Illustration may differ



Detailed technical data

Features

| | |
|------------------------------|-------------------------|
| Medium | Fluids |
| Measurement | Switch |
| Probe length | 300 mm |
| Process pressure | -1 bar ... 64 bar |
| Process temperature | -50 °C ... +150 °C |
| Fill material density | 0.5 g/cm³ ... 2.5 g/cm³ |
| GOST approval | ✓ |

Performance

| | |
|-----------------------------------|--------------------------|
| Accuracy of sensor element | ± 2 mm |
| Repeatability | ≤ 1 mm |
| Viscosity | 0.1 mPas ... 10,000 mPas |
| Response time | 500 ms |

Electronics

| | |
|-------------------------------|---|
| Power consumption | 5 mA ... 30 mA |
| Initialization time | < 2 s |
| VDE protection class 1 | ✓ |
| Electrical connection | M20 x 1.5 |
| Supply voltage | Double relay (DPDT): 20 V DC ... 72 V DC / 20 V AC ... 253 V AC |
| Hysteresis | 2 mm |
| Output current | > 10 µA; < 3A AC, 1A DC |
| Inductive load | 750 VA 54 W |
| Capacitive load | 750 VA 54 W |
| Contact load | Min. 50 mW / max. 750 VA, 54 W |
| Enclosure rating | IP 66 / IP 67 |
| Temperature drift | 0,03 mm/K |

Mechanics

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