



# LFV230-XXSGBCPV0100

LFV200

LEVEL SENSORS

**SICK**  
Sensor Intelligence.



Illustration may differ



### Ordering information

Type	Part no.
LFV230-XXSGBCPV0100	6044782

Other models and accessories → [www.sick.com/LFV200](http://www.sick.com/LFV200)

### Detailed technical data

#### Features

<b>Medium</b>	Fluids
<b>Measurement</b>	Switch
<b>Probe length</b>	100 mm
<b>Process pressure</b>	-1 bar ... 64 bar
<b>Process temperature</b>	-40 °C ... +100 °C
<b>Fill material density</b>	≥ 0.7 g/cm <sup>3</sup>

#### Performance

<b>Accuracy of sensor element</b>	± 2 mm
<b>Repeatability</b>	≤ 1 mm
<b>Viscosity</b>	0.1 mPas ... 10,000 mPas
<b>Resolution</b>	≤ 1 mm
<b>Response time</b>	500 ms

#### Electronics

<b>Supply voltage</b>	20 V AC/DC ... 253 V AC/DC
<b>Power consumption</b>	< 10 mA
<b>Initialization time</b>	< 3 s
<b>VDE protection class 2</b>	✓
<b>Electrical connection</b>	Valve plug DIN 43650
<b>Hysteresis</b>	2 mm
<b>Output current</b>	< 250 mA
<b>Inductive load</b>	≤ 1 H
<b>Capacitive load</b>	100 nF
<b>Enclosure rating</b>	IP 65
<b>Temperature drift</b>	0.03 mm/K

#### Mechanics

<b>Wetted parts</b>	316L (optional Ra < 0.8 μm)
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<b>Process connection</b>	G ¾ A PN 64
<b>Housing material</b>	Stainless steel 1.4404, PEI

Ambient data

## 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](http://www.sick.com)