



Level sensors Vibrating level switch, LBV330

LBV330-GXAGDRAMX2000



Model Name > **LBV330-GXAGDRAMX2000**
Part No. > **6041373**



Illustration may differ

At a glance

- Rugged device design with tube extension up to 6 m
- Several housing materials and electrical outputs available
- Immune to deposit formation
- Commissioning without filling
- Process temperature up to 250 °C
- Very high repeatability
- ATEX versions (1D/2D/1G/2G) available
- Short versions (LBV310) and rope-extended devices (LBV330) available

Your benefits

- Easy installation and commissioning, no calibration necessary
- Easy operation and integration, saves time
- Maintenance-free sensor, reduces downtime
- Testing in place possible - no mounting required, which reduces installation time
- Flexible and robust system for a multitude of applications
- Solutions for vertically mounted sensors in difficult installation conditions



Features

Medium:	Bulk solids
Measurement:	Switch
Probe length:	2,000 mm
Process pressure:	-1 bar ... 25 bar
Process temperature:	-50 °C ... 150 °C
ATEX approval:	ATE

Sensor material:

Stainless steel 1.4404

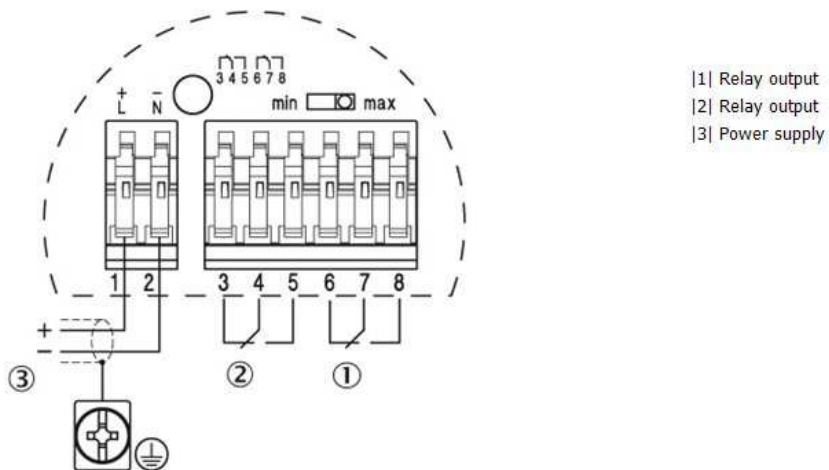
Electrical data

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

Ambient data

Ambient temperature operation:	-40 °C ... 80 °C
Ambient storage temperature:	-40 °C ... 80 °C

Double relay connection diagram

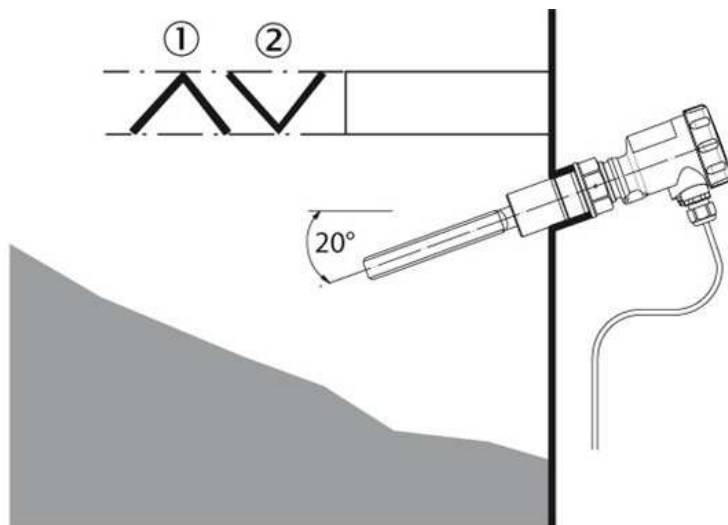


Flow orientation of the tuning fork



- |1| Marking with screwed version
- |2| Direction of flow

Horizontal mounting



- |1| Protective sheet
- |2| Concave protective sheet for abrasive solids

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