



Level sensors  
Vibrating level switch, LBV330

LBV330-XXBNDRANX1700



**Model Name** > [LBV330-XXBNDRANX1700](#)  
**Part No.** > [6038283](#)



**Auf einen Blick**

- Robuster Geräteaufbau mit Rohrverlängerung bis 6 m
- Auswahl aus unterschiedlichen Gehäusewerkstoffen und elektrischen Ausgangssignalen
- Unempfindlich gegen Anhaftungen
- Inbetriebnahme ohne Befüllung
- Prozesstemperatur bis 250 °C
- Sehr hohe Reproduzierbarkeit
- ATEX-Zulassungen (1D/2D/1G/2G) verfügbar
- Alternativ auch Kurzversionen (LBV310) und kabelverlängerte Varianten (LBV320) verfügbar

**Ihr Nutzen**

- Einfacher Einbau und Inbetriebnahme, keine Vorkalibrierung erforderlich
- Einfache Bedienung und Integration
- Wartungsfreies System
- Sensortest im eingebauten Zustand möglich
- Flexibles und zuverlässiges Messsystem für eine Vielzahl von Anwendungen
- Vertikalmontage auch in schwierigen Einbau- und Umgebungsbedingungen



**Features**

Medium:	Bulk solids
Measurement:	Switch
Probe length:	1,700 mm
Process pressure:	-1 ... 25 bar
Process temperature:	-50 °C ... 250 °C
ATEX certification:	-
Particle size:	< 10 mm
Fill material density:	0.008

**Performance**

Accuracy of sensor element:	± 10 mm
Repeatability:	5
Response time:	500 ms

**Mechanical data**

Housing material:	Aluminum
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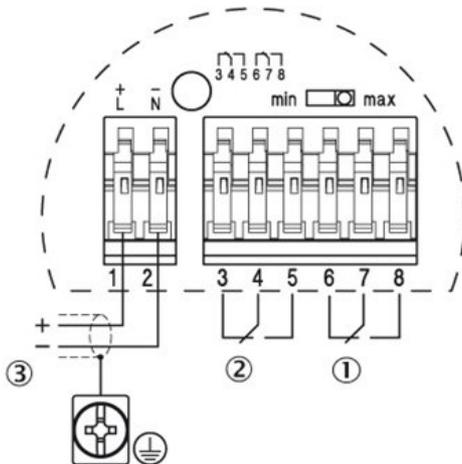
Process connection: 1 1/2" NPT PN 25/316L  
Sensor material: Stainless steel 1.4404

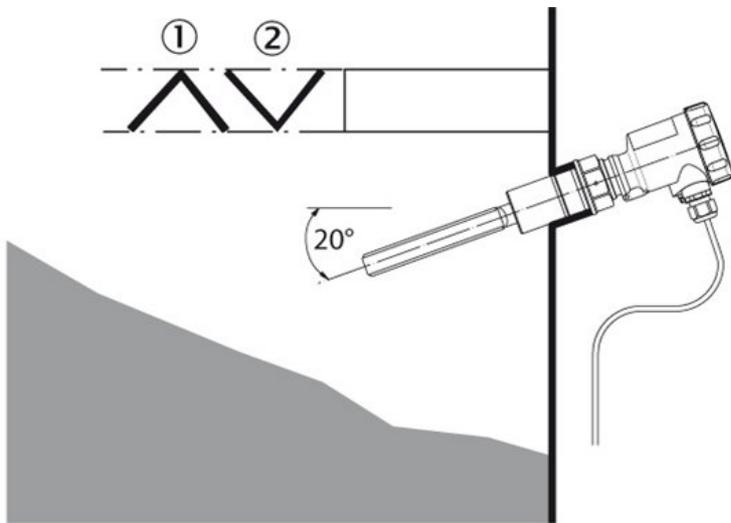
### Electrical data

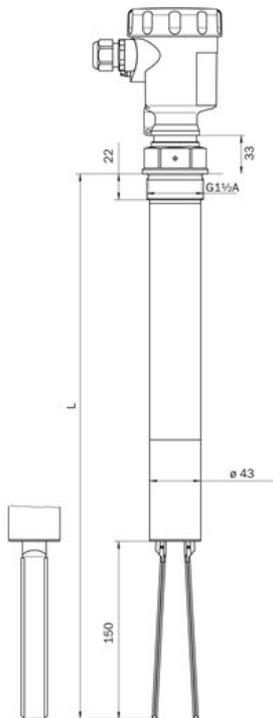
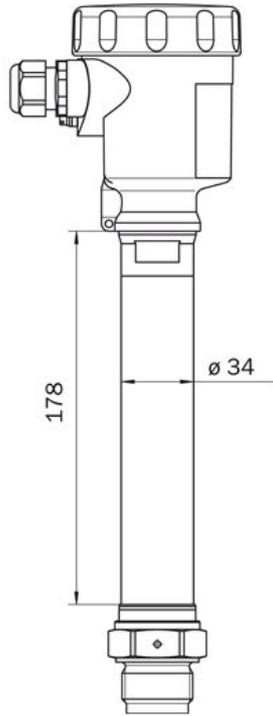
Enclosure rating: IP 66  
Power consumption: 5 mA ... 30 mA  
Protection class: 1  
Initialization time: 2 s  
Output signal: Double relay (DPDT): 20 V DC ... 72 V DC / 20 ... 253 V AC  
Hysteresis: 10 mm  
Output current: > 10 UA, 3A AC, 1A DC  
Capacitive load: 750 VA 54 W  
Inductive load: 750 VA 54 W  
Connection type: 1/2" NPT

### Ambient data

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







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