



## Level sensors Vibrating level switch, LBV330

LBV330-XXBGDRANX0900



**Model Name** > [LBV330-XXBGDRANX0900](#)  
**Part No.** > [6038251](#)



#### 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:          | 900 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 |
|-------------------|----------|

Process connection: G 1½ A PN 25  
Sensor material: Stainless steel 1.4404

#### Electrical data

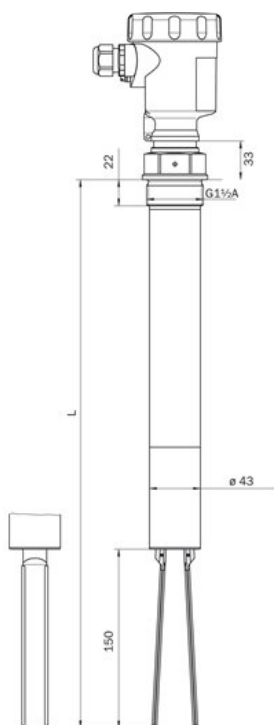
Enclosure rating: IP 66  
Power consumption: 5 mA ... 30 mA  
Protection class: 1  
Initialization time: 2 s  
Output signal: Double relay (DPDT): 20 V DC ... 72 V DC/20 ... 253 V AC  
Hysteresis: 10 mm  
Output current: > 10 UA, 3A AC, 1A DC  
Capacitive load: 750 VA 54 W  
Inductive load: 750 VA 54 W  
Connection type: ½" NPT

#### Ambient data

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







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