



## Level sensors Vibrating level switch, LBV330

LBV330-XXBGDRANX1100



**Model Name** > [LBV330-XXBGDRANX1100](#)  
**Part No.** > [6038253](#)



#### 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:          | 1,100 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

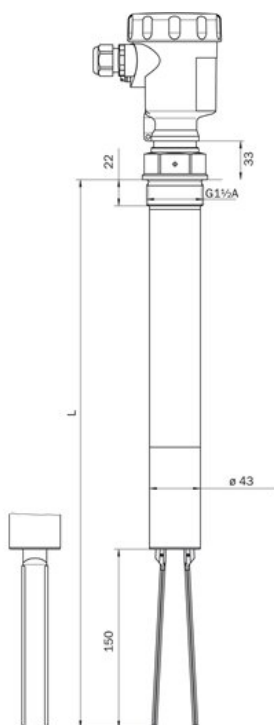
Enclosure rating: IP 66  
Power consumption: 5 mA ... 30 mA  
Protection class: 1  
Initialization time: 2 s  
Output signal: Double relay (DPDT): 20 V DC ... 72 V DC/20 ... 253 V AC  
Hysteresis: 10 mm  
Output current: > 10 UA, 3A AC, 1A DC  
Capacitive load: 750 VA 54 W  
Inductive load: 750 VA 54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

#### Ambient data

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







**Australia**

Phone +61 3 9457 0600  
1800 334 802 – tollfree  
E-Mail sales@sick.com.au

**Belgium/Luxembourg**

Phone +32 (0)2 466 55 66  
E-Mail info@sick.be

**Brasil**

Phone +55 11 3215-4900  
E-Mail sac@sick.com.br

**Canada**

Phone +1 905 771 14 44  
E-Mail information@sick.com

**Ceská Republika**

Phone +420 2 57 91 18 50  
E-Mail sick@sick.cz

**China**

Phone +86 4000 121 000  
E-Mail info.china@sick.net.cn  
Phone +852-2153 6300  
E-Mail ghk@sick.com.hk

**Danmark**

Phone +45 45 82 64 00  
E-Mail sick@sick.dk

**Deutschland**

Phone +49 211 5301-301  
E-Mail kundenservice@sick.de

**España**

Phone +34 93 480 31 00  
E-Mail info@sick.es

**France**

Phone +33 1 64 62 35 00  
E-Mail info@sick.fr

**Great Britain**

Phone +44 (0)1727 831121  
E-Mail info@sick.co.uk

**India**

Phone +91-22-4033 8333  
E-Mail info@sick-india.com

**Israel**

Phone +972-4-6801000  
E-Mail info@sick-sensors.com

**Italia**

Phone +39 02 27 43 41  
E-Mail info@sick.it

**Japan**

Phone +81 (0)3 3358 1341  
E-Mail support@sick.jp

**Magyarország**

Phone +36 1 371 2680  
E-Mail office@sick.hu

**Nederlands**

Phone +31 (0)30 229 25 44  
E-Mail info@sick.nl

**Norge**

Phone +47 67 81 50 00  
E-Mail austefjord@sick.no

**Österreich**

Phone +43 (0)22 36 62 28 8-0  
E-Mail office@sick.at

**Polska**

Phone +48 22 837 40 50  
E-Mail info@sick.pl

**România**

Phone +40 356 171 120  
E-Mail office@sick.ro

**Russia**

Phone +7-495-775-05-30  
E-Mail info@sick.ru

**Schweiz**

Phone +41 41 619 29 39  
E-Mail contact@sick.ch

**Singapore**

Phone +65 6744 3732  
E-Mail admin@sicksgp.com.sg

**Slovenija**

Phone +386 (0)1-47 69 990  
E-Mail office@sick.si

**South Africa**

Phone +27 11 472 3733  
E-Mail info@sickautomation.co.za

**South Korea**

Phone +82 2 786 6321/4  
E-Mail info@sickkorea.net

**Suomi**

Phone +358-9-25 15 800  
E-Mail sick@sick.fi

**Sverige**

Phone +46 10 110 10 00  
E-Mail info@sick.se

**Taiwan**

Phone +886-2-2375-6288  
E-Mail sales@sick.com.tw

**Türkiye**

Phone +90 (216) 528 50 00  
E-Mail info@sick.com.tr

**United Arab Emirates**

Phone +971 (0) 4 8865 878  
E-Mail info@sick.ae

**USA/México**

Phone +1(952) 941-6780  
1 800-325-7425 – tollfree  
E-Mail info@sickusa.com

More representatives and agencies  
at [www.sick.com](http://www.sick.com)