

VEGAVIB S 61

Vibrating level switch for granulates

Application area

The VEGAVIB S 61 is a level switch for granules and coarse grained bulk solids. The VEGAVIB S 61 detects reliably and precisely the min. or max. limit level. The smooth surface of the vibrating rod, without corners and edges avoids jamming of the bulk solid and ensures optimum cleaning.

Your benefit

- Minimum time and cost expenditure through simple setup without medium
- Reliable function through product-independent switching point
- Low maintenance costs

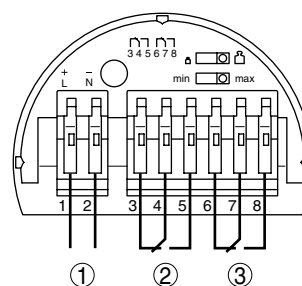
Function

The vibrating rod of VEGAVIB is energized via piezoceramic elements. If the vibrating rod is covered by the product, the amplitude is damped. The amplitude change is processed by the integrated electronics module and converted into a switching command. The switching condition is visible from outside via a two-colour LED.

No special adjustments are required to set up VEGAVIB S 61.

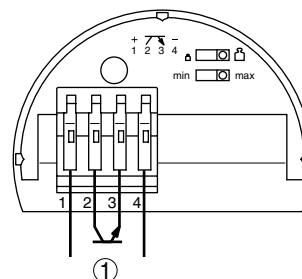


Electrical connection



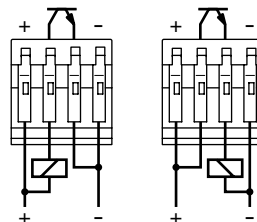
Version: Electronics "R" - Relay (DPDT)

- 1 Voltage supply
- 2 Relay 1
- 3 Relay 2



Version: Electronics "T" - Transistor (NPN/PNP)

- 1 Voltage supply

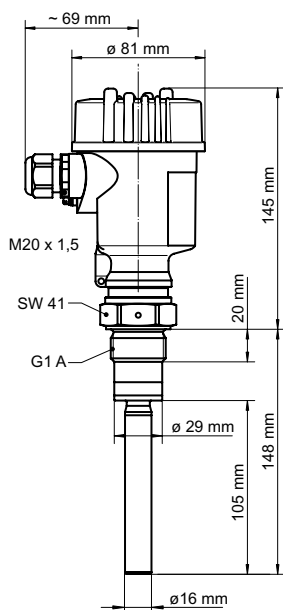


Assignment:

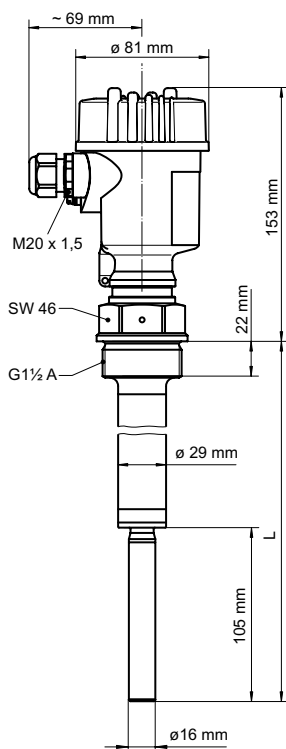
NPN

PNP

Dimensions



Version:
Sensor length „A“



Version:
Sensor length "C", "D", "E"

Technical data

Process pressure	-1 ... 16 bar
Process temperature	-50 ... +150 °C
Density	≥ 100 g/l
Material, wetted-parts	316L
Material, housing	plastic PBT
Protection	IP 66/IP 67
Approval	option: ATEX II 1/3 D IP6X T
Electronics transistor (NPN/PNP)	
Load current	max. 400 mA
Turn-on voltage	max. 55 V DC
Operating voltage	10 ... 55 V DC
Power consumption	max. 0.5 W
Electronics relay (DPDT)	
Operating voltage	20 ... 253 V AC, 50/60 Hz, 20 ... 72 V DC
Power consumption	1 ... 8 VA (AC), approx. 1.3 W (DC)
Turn-on voltage	min. 10 mV / max. 253 V AC/DC
Switching current	min. 10 µA / max. 3 A AC, 1 A DC
Breaking capacity	max. 750 VA, 54 W

Net price per piece in GBP	
Approval	
XX	without
EJ	ATEX II 1/3 D IP6X T
Process fitting	
1	Thread G1 PN 16
2	Thread G1 1/2 PN 16
Electronics	
R	Relay (DPDT) 20 ... 72 V DC/20 ... 253 V AC (5 A)
T	Transistor (NPN/PNP) 10 ... 55 V DC
Sensor length L	
A	148 mm
C	500 mm
D	1000 mm
E	1500 mm

VIBS61.E

	Order number
Accessory	
Welding sleeve G1	2.36841
Welding sleeve G1 1/2	2.36842
Lock fitting G1 1/2 (unpressurized)	ARV-VB63.1GD
Lock fitting G1 1/2 (-1 ... 16 bar)	ARV-VB63.2GD
PLICSLED Pluggable switching status display module plics® sensors Colour: yellow-green Colour: red-green	PLICSLED.XXSYC PLICSLED.XXSRC