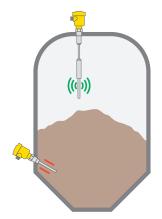# Point level I Vibration I Granulated bulk solids

Vibrating level switch for granulated bulk solids

VEGAVIB is a level switch for granulated and coarse-grained bulk solids. VEGAVIB reliably and accurately signals the minimum or maximum limit level. The smooth surface of the vibrating rod, without sharp corners or edges, prevents bulk solids from getting stuck or jammed and is easy to clean.

When VEGAVIB is immersed in bulk solids, its vibration is damped. Its electronics converts this damped signal into a switching command which can be used, for example, to protect against overfilling or empty level.

The advantages

✓ Simple setup without adjustment

✓ Reliable point level detection unaffected by pressure, temperature or dust generation

✓ Maintenance-free operation

	BASIC	PRO	PRO
	VEGAVIB S61	**VEGAVIB 61/63**	**VEGAVIB 62**
Application	Granuled and coarse-grained bulk solids	Granuled and coarse-grained bulk solids	Granuled and coarse-grained bulk solids
Version	Compact version or with tube extension up to 1.5 m	VEGAVIB 61: Compact version VEGAVIB 63: Tube extension up to 6 m	Suspension cable up to 80 m
Measuring range	Bulk solids from 100 g/l	Bulk solids from 20 g/l	Bulk solids from 20 g/l
Material	316L	316L, Carbocer coating	316L and PUR or FEP, Carbocer coating
Process fitting	Thread from G1, 1 NPT	Thread from G1, 1 NPT, flanges from DN 32, 1½", hygienic fittings	Thread from G1, 1 NPT, flanges from DN 32, 1½", hygienic fittings
Process temperature	-50 … +150 °C	-50 … +250 °C	-40 … +150 °C
Process pressure	-1 … +16 bar (-100 … +1600 kPa)	-1 … +16 bar (-100 … +1600 kPa)	-1 … +6 bar (-100 … +600 kPa)
Signal output	Relay, transistor output	Relay, transistor, two-wire, NAMUR output, contactless electronic switch	Relay, transistor, two-wire, NAMUR output, contactless electronic switch
Display	Control lamp (LED)	Control lamp (LED) or pluggable display module PLICSLED	Control lamp (LED) or pluggable display module PLICSLED
Approvals	ATEX, UKEX	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, SIL2, NEPSI, INMETRO, KOSHA/KTL, CCOE	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, SIL2, NEPSI, INMETRO, KOSHA/KTL, CCOE
Benefit	✓ Minimal time and cost expenditure thanks to simple setup without medium		

Controllers see page 64–69