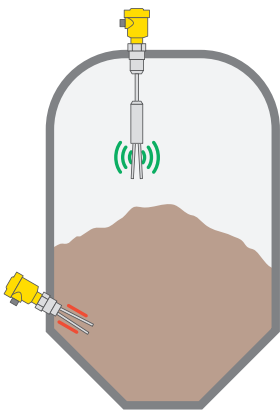# Point level I Vibration I Powders

Vibrating level switch for powders

VEGAWAVE reliably detects both minimum and maximum levels of powdery and fine-grained bulk solids with a grain size of up to 10 mm. The tuning fork is suitable for adhesive and abrasive products as well as bulk solids with very low density. Its design means it is unaffected by buildup.

The vibration of VEGAWAVE is damped when covered by any bulk solids. Its electronics converts this 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
	VEGAWAVE S61	**VEGAWAVE 61/63**	**VEGAWAVE 62**
Application	Powders and fine-grained bulk solids	Powders and fine-grained bulk solids	Powders and fine-grained bulk solids
Version	Compact version or with tube extension up to 1.5 m	VEGAWAVE 61: Compact version VEGAWAVE 63: Tube extension up to 6 m	Suspension cable up to 80 m
Measuring range	Bulk solids from 100 g/l	Bulk solids from 8 g/l	Bulk solids from 8 g/l
Material	316L	316L, Carbocer coating	316L and PUR or FEP, Carbocer coating
Process fitting	Thread G1½	Thread G1½, 1½ NPT, flanges from DN 50, 2", hygienic fittings	Thread G1½, 1½ NPT, flanges from DN 50, 2", hygienic fittings
Process temperature	-50 … +150 °C	-50 … +250 °C	-40 … +150 °C
Process pressure	-1 … +25 bar (-100 … +2500 kPa)	-1 … +25 bar (-100 … +2500 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/adjustment	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, KOSHA/KTL, CCOE	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, SIL2, NEPSI, KOSHA/KTL, CCOE
Benefit	✓ Minimal time and cost expenditure thanks to simple setup without medium		