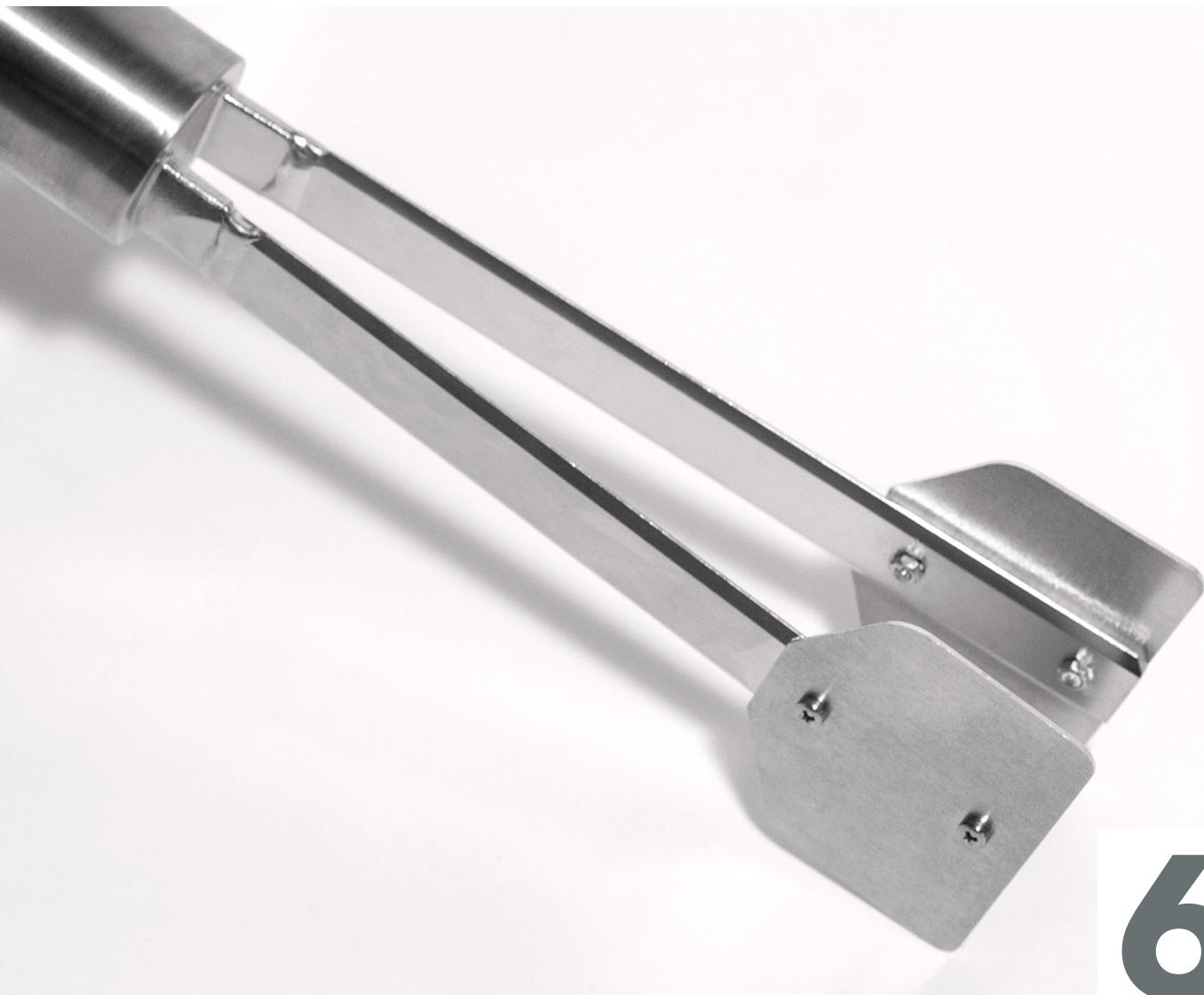


UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

Vibranivo® Vibrasil® 70 / 90

VIBRATION LEVEL LIMIT SWITCH

The universal solution for reliable level detection in powdered, free-flowing bulk solids with low bulk density, large surface area, and high dust generation.



FM
APPROVED



EAC Ex



UK
CA



Vibranivo® Vibrasil®



- Reliable operation in pneumatically conveyed silicic acids
- Developed for full detection in balance tanks
- Level control in vertical shafts and pipes



TECHNICAL DATA

Typ	VIBRASIL® 70	VIBRASIL® 90
Available models	Standard (VN 2020)	Standard (VN 2020)
	Tube extension (VN 2030)	Tube extension (VN 2030)
	Rope extension (VN 2050)	Rope extension (VN 2050)
Housing	Aluminium IP 66	Aluminium IP 66
Certificates	ATEX II 1/2D, IECEx	ATEX II 1/2D, IECEx
Process temperature	-40 °C ... +150 °C / -40 °F ... +302 °F	-40 °C ... +150 °C / -40 °F ... +302 °F
Pressure	-1 ... +16 bar / -14.5 psi ... +232 psi	-1 ... +16 bar / -14.5 psi ... +232 psi
Sensitivity	DK value ≤ 5g/l	DK value ≤ 5g/l
Applications	Balance tanks, pneumatic conveyor systems with a high air concentration	In Storage Silos, balance tanks and mixers with a lower air concentration
Supply voltage	19-230V AC / 19-55V DC	19-230V AC / 19-55V DC
Signal output	Relay SPDT	Relay SPDT
Process connection	Flange DN100 PN6 Flange DN100 PN16 Other flanges on request	R1½" conical NPT1½" Large variety of flanges available
Vibrating rods	195 mm Alupaddel	195 mm
Vibration fork/extension	Stainless steel 1.4404 or 1.4301	Stainless steel 1.4404 or 1.4301

Applications: The Vibrasil® 90 can be used as a full, demand or empty detector in silos and also balance tanks. The high sensitivity and the fast reaction of the probe ensure high reliability. The sensitivity can be set to two different levels. The electronics function without time delay.

The Vibrasil® 70 has an even higher sensitivity than the Vibrasil® 90 and can be used for applications where there is a high air concentration in the conveyor pipe. For example, it can be used for flow detection in conveyor pipes or as a full detector in very small balance tanks within a conveyor system.