



Vibranivo®

Vibrasil 70 / 90

Vibration level limit switch

The universal unit for reliable level monitoring of silicic acids

Vibranivo® Vibrasil® 70 / 90



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

VIBRASIL 70

VIBRASIL 90



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 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.

Standard

Tube extension

Rope extension



Technical Data

Typ	VIBRASIL 70	VIBRASIL 90
Available models	Standard (VN 2020) Tube extension (VN 2030) Rope extension (VN 2050)	
Housing	Aluminium IP 66	
Certificates	ATEX II 1/2D, IECEx	
Process temperature	-40°C up to +150°C	
Pressure	-1 up to +16 bar	
Sensitivity	< 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	
Signal output	Relay SPDT	
Process connection	Flange DN100 PN6 Flange DN100 PN16 Other flanges on request	R1½ " conical NPT1½ " Large variety of flanges available
Vibrating rods	195mm Alupaddel	195mm
Vibration fork/ extension	Stainless steel 1.4404 or 1.4301	