



# 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 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.

## Standard

## Tube extension

## Rope extension



## Technical Data

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