

MODEL VM



Features

- Simple and Compact design
- Ideal for small hoppers
- Wide sensitivity range from 0.2g/cm³
- Patented principle and probe construction.

General Description

The VM series is designed for use in small hoppers up to 2 meter in height. This compact level sensor is suitable for bulk handling bins, hoppers, feeders, etc. It helps prevent hopper overflow, empty holding tanks, and plugged chutes.

Ordering Information

VM31	90 to 132V AC, 50/60Hz
VM32	180 to 264V AC, 50/60Hz
VM39	24V (20 to 30V) DC
	G Standard: G3/4"
	T NPT3/4"
	133 Standard: L=133mm
	180 L=180mm
VM31	G 133 = VM31G-133

Specifications

Model	VM31, 32, 39	
Drawing		
Mounting	G3/4 or NPT3/4	
Supply Power	VM31	90 to 132V AC 50/60Hz
	VM32	180 to 264V AC 50/60Hz
	VM39	24V DC
Power Consumption	Approx. 2.5VA or 1W Max.	
Relay Output	1 SPDT, 240V 3A AC, 30V 3A DC (Resistive) C-NO: Normally Open contact C-NC: Normally Closed contact	
Detection Time Delay	Approx. 3 seconds for covered Approx. 3 seconds for free	
Operating Temperature	Housing	-20°C to 60°C
	Vibration rod	-20°C to 80°C
Maximum Pressure	1MPa / 10bar	
Maximum Humidity	85% RH	
Sensitivity	Bulk density of 0.2g/cm ³ Min.	
Vibration Frequency	Approx. 500Hz	
Material	Housing	ADC12 and ABS
	Vibration rod	304SS
Cable Entry	JIS F 20a (G3/4)	
Protection	IP65	
Fail safe	High or Low by switch	
Indication	Red LED for Relay status	