

TECHNICAL DATA

VIBROTECTOR

Vibration Transmitter



This sensor is employed to monitor vibration in industrial machinery. The vibration signal is relayed as a current intensity level (4-20 mA) to the machine controls for analysis.

FEATURES INCLUDE

- Continuous machine monitoring based on overall vibration level.
- Standard output 4-20 mA for easy integration with other systems (e.g. PLC).
- Robust housing against environmental influences.

Ordering information

Item No.

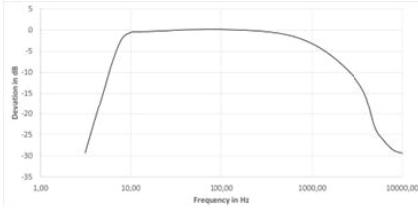
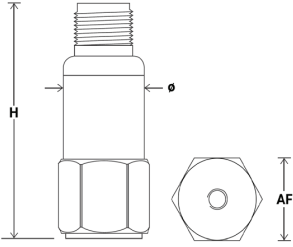
6002355

Reference

VIB 5.721

Description

VIBROTECTOR, SENSOR FREQUENCY RANGE:
10 HZ TO 1 KHZ

Parameter		VIB 5.721
MEASUREMENT		
Output Signal	Current intensity level (4-20mA)	
Measurement range (RMS)	≤ 20mm/s	
Accuracy	± 5% Nominal 80Hz at 22°C (72°F)	
Frequency range +5%	10 Hz to 1 kHz	
Frequency response		
Temperature range	-25 °C to 120 °C (-13 °F to 248 °F)	
ELECTRICAL		
Power supply	24 V DC (±5%), loop power	
Loop resistance	90 to 600 Ohms	
Case isolation	>10 ⁶ Ohms at 500 Volts	
MECHANICAL		
Case material	Stainless steel VA1.4404	
Environmental protection	IP68	
Mounting	M8 hexagon socket set screw or mounting adapter	
Connection	2-pin cable connector (Cannon, MIL-C5015)	
Shock limit	< 50 kms ⁻²	
Weight	100 g (3.53 oz)	
Dimensions	H = 57 mm (2 1/4") ø = 22 mm (55/64") AF = 22 mm (55/64") 	
ENVIRONMENTAL COMPLIANCE / CERTIFICATION	CE, RoHS, REACH, UKCA	

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For more information:
 visit www.flukereliability.com

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 8/2024 240601-en

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