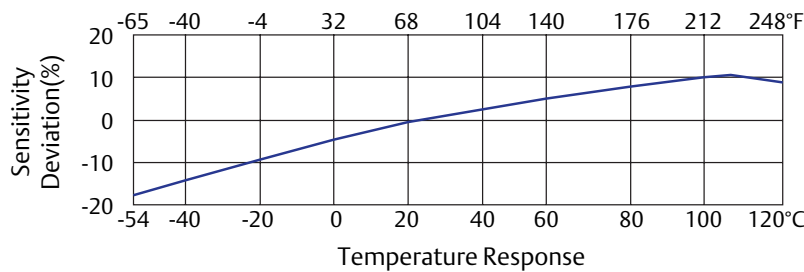
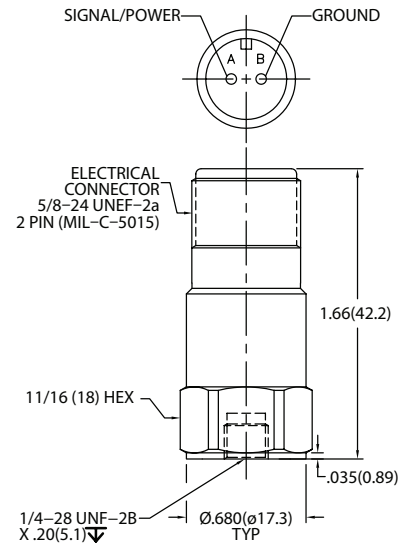


# Industrial Accelerometer

Dynamic Performance	
Sensitivity (±5%)	100 mV/g (10.2 mV/m/s <sup>2</sup> )
Measurement Range	±50 g (±490 m/s <sup>2</sup> )
Frequency Range (±3 dB)	0.50 to 10,000 Hz (30 to 600,000 cpm)
Mounted Resonant Frequency	25 kHz Nominal
Amplitude Linearity	±1% (0 Based Straight Line Method)
Transverse Sensitivity	≤7%
Environmental	
Shock Limit	5,000g pk (49,050 m/s <sup>2</sup> )
Temperature Range	-54 to 121°C (-65 to 250°F)
Temperature Response	See Graph
Sealing	Welded Hermetic
Electrical	
Settling Time	≤2 sec (Within 1% of Bias)
Discharge Time Constant	≥0.3 sec
Excitation Voltage	18 to 28 VDC
Constant Current	2 to 20 mA
Output Impedance	<200 ohms
Output Bias	8 to 12 VDC
Broadband Resolution (1 to 10 kHz)	350 μg (3,434 μm/s <sup>2</sup> ) Electrical Noise
Case Isolation	>10 <sup>8</sup> ohms



Mechanical	
Weight	51 grams (1.8 oz)
Mounting Thread	¼-28 UNF-2B
Mounting Torque	2 to 5 lb ft (2.7 to 6.8 Nm)
Sensor Element / Geometry	Ceramic / Shear
Case Material	Stainless Steel
Connector Type (Top)	MIL-C-5015, 2 Pin
Supplied Accessories	
Multiple Point Calibration	
¼-28 Mounting Stud	

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