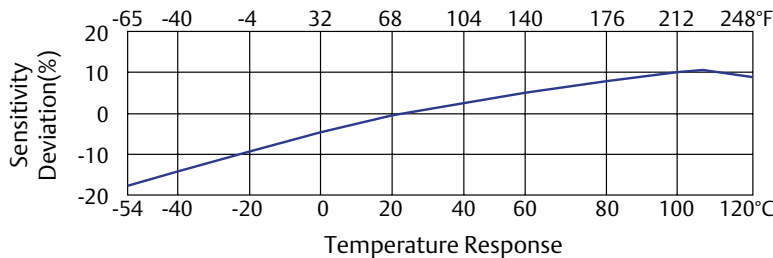
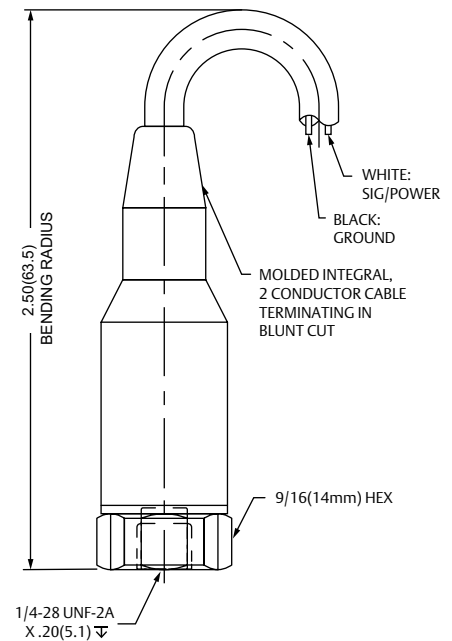


# Industrial Accelerometer

Dynamic Performance	
Sensitivity (±10%)	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	22 kHz Nominal
Amplitude Linearity	±1% (0 Based, Least Squares, Straight Line)
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 / Rating	Molded / IP68
Electrical	
Settling Time	≤2.0 sec (Within 1% of Bias)
Discharge Time Constant	≥0.3 sec
Excitation Voltage / Current	18 to 24 VDC / 2.0 to 20 mA
Output Bias	8 to 12 VDC
Output Impedance	<150 ohms
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	99.3 grams (3.5 oz) Sensor & Stud Only
Mounting Stud / Torque	1/4-28 UNF-2B / 2.7 to 6.8 Nm (2 to 5 lb ft)
Sensor Element / Geometry	Ceramic / Shear
Case Material	Stainless Steel
Connector Type (Top)	Molded Integral Cable (See Versions)



Supplied Accessories	
Three Point Calibration	
¼-28 Mounting Stud	
Versions	
1. A0322LC	Yellow Jacket 3 m (10') Cable
2. A0322LC-1	Yellow Jacket 9 m (30') Cable
3. A0322LC-2	Yellow Jacket 15 m (50') Cable
4. A0322LC-1-EX	Yellow Jacket, 9 m (30') Cable, Hazardous Area Approved

**Emerson**  
**Reliability Solutions**  
 835 Innovation Drive  
 Knoxville, TN 37932 USA  
 ☎ +1 865 675 2400

🌐 [www.emerson.com/csi](http://www.emerson.com/csi)

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