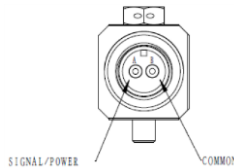
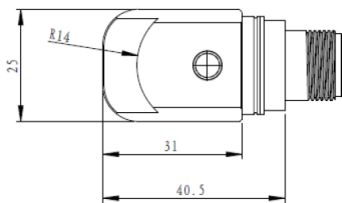
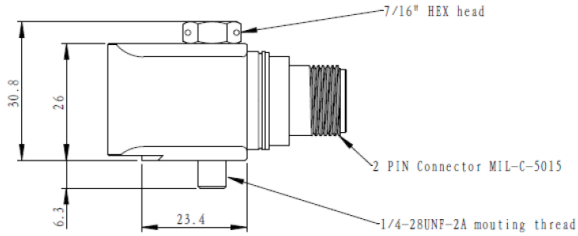


SI-050S SERIES LOW PROFILE VIBRATION SENSOR



Lifetime Warranty



Typical Applications

- Economically priced accelerometer for offline applications using commercially available data collectors and online monitoring systems in the fields of Building Services, Civil Engineering, Paper and Pulp, Mining, Metals Manufacturing, Utilities, Automotive, Water and Waste Treatment, Pharmaceutical, Aerospace, etc

Protecting...

- Fans, Motors, Pumps, Compressors, Centrifuges, Conveyors, Air Handlers, Gearboxes, Rolls, Dryers, Presses, Cooling, HVAC, Spindles, Machine Tooling, Process Equipment and many more.

Technical Performance

Sensitivity:	100 mv/g (+/-10%)
Frequency Response:	0.7 - 10 kHz (+/-3dB)
Resonance:	~22 kHz
Maximum Range:	+/-80 g
Transverse Sensitivity:	<5.0%

Electrical

Output Connector:	2-pin Mil (C-5015), Side
Operating V & I:	18 - 30 VDC & 2 - 10 ma DC
BOV:	9 - 14 VDC
Broadband Noise:	700 Ug
Ground:	Case Isolated, Internally Shielded

Environmental

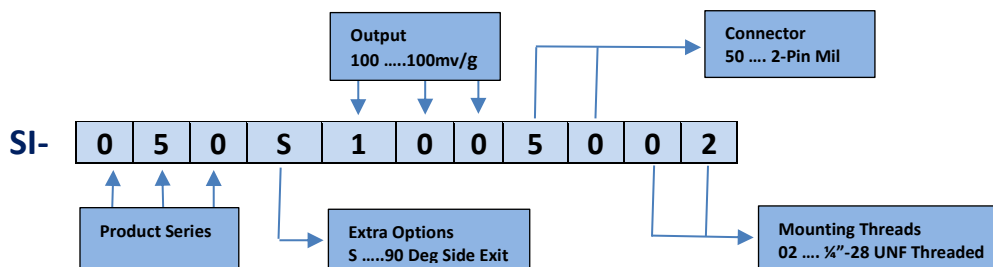
Operating Temperature:	-55 to +120 Deg C
Vibration Limit:	500 g (peak)
Shock Limit:	5000 g (peak)
Base Strain:	0.002g/u strain

Mechanical

Sensing Element:	PTZ Ceramic/Shear
Housing Material:	316L SS, cw red powder coat
Sealing:	Hermetic, IP68
Mounting:	1/4-28 Captive Bolt
Weight:	145 Grams

How To Order

Accessories included: 1/4-28 captive bolt and calibration report



NOTE: Mounting bolt torque not to exceed 25 in. lbs.



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