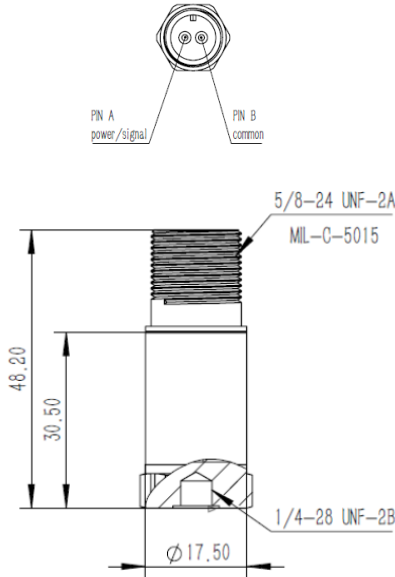


# SI-050 SERIES COMPACT VIBRATION SENSOR

**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

## Technical Performance

Sensitivity:	100 mv/g (+/-10%)
Frequency Response:	0.4 - 14 kHz (+/-3dB)
Resonance:	~30 kHz
Maximum Range:	+/-80 g
Transverse Sensitivity:	<5.0%

## Electrical

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

## Environmental

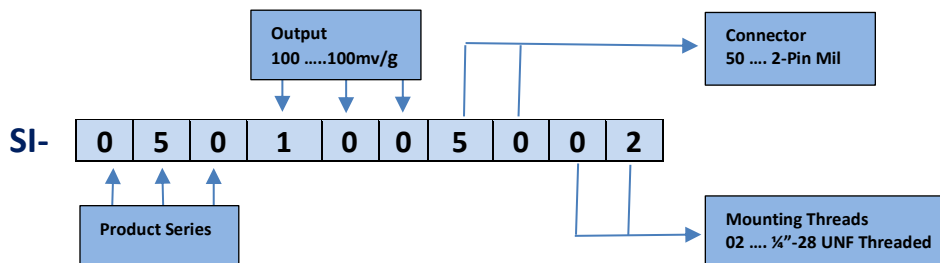
Operating Temperature:	-55 to +120 Deg C
Vibration Limit:	500 g (peak)
Shock Limit:	5000 g (peak)
Base Strain:	0.0002g/u strain

## Mechanical

Sensing Element:	PTZ Ceramic/Shear
Housing Material:	316L SS, cw red powder coat
Sealing:	Hermetic, IP68
Mounting:	1/4-28 Tapped Hole
Weight:	62 Grams

## How To Order

Accessories included: 1/4-28 mounting stud and calibration report



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



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