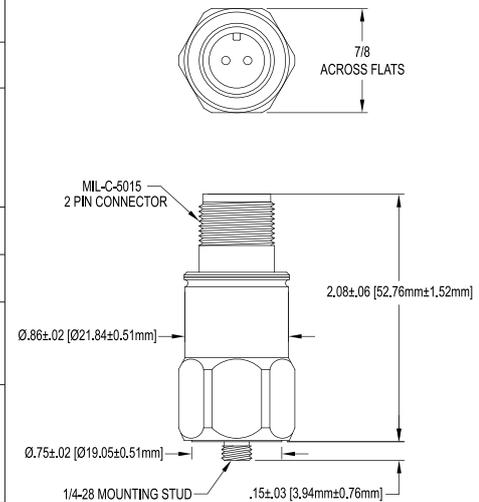




SPECIFICATIONS

Sensitivity, $\pm 5\%$, 25°C	500 mV/g
Acceleration range, VDC > 22 V	10 g peak
Amplitude nonlinearity	1%
Frequency response¹:	
$\pm 5\%$	0.7 - 5,000 Hz
$\pm 10\%$	0.5 - 9,000 Hz
± 3 dB	0.2 - 14,000 Hz
Resonance frequency	30 kHz
Transverse sensitivity, max	5% of axial
Temperature response:	
-25°C	-10%
+120°C	+10%
Power requirement:	
Voltage source	18 - 30 VDC
Current regulating diode	2 - 10 mA
Electrical noise, equiv. g¹:	
Broadband	2.5 Hz to 25 kHz 250 μ g
Spectral	10 Hz 2.5 μ g/ $\sqrt{\text{Hz}}$
	100 Hz 1.5 μ g/ $\sqrt{\text{Hz}}$
	1,000 Hz 1.5 μ g/ $\sqrt{\text{Hz}}$
Output impedance, max	300 Ω
Bias output voltage	12 VDC
Grounding	case isolated, internally shielded
Temperature range	-50° to +120°C
Vibration limit	500 g peak
Shock limit	5,000 g peak
Electromagnetic sensitivity, equiv. g, max	70 μ g/gauss
Sealing	hermetic
Base strain sensitivity, max	0.0002 g/ μ strain
Sensing element design	PZ T, shear
Weight	90 grams
Case material	316 L stainless steel
Mounting	1/4-28 UNF tapped hole
Mating connector	R6 type
Recommended cabling	J10 / J9T2A

Note: Frequency response and spectral noise values are typical.



Connections	
Function	Connector pin
power/signal	A
common	B
ground	shell



Key features

- Clear signals at low vibration levels
- Certified versions available for use in hazardous areas
- Ideal for slow-speed machinery
- Manufactured in ISO 9001 facility

