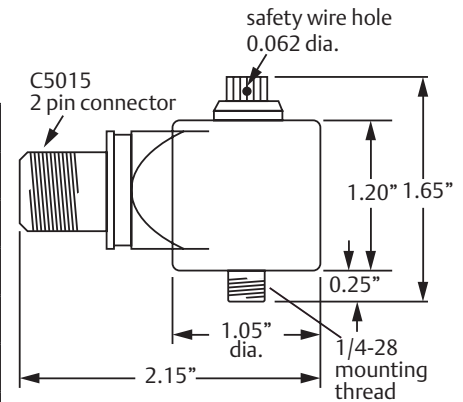


Industrial Accelerometer

Dynamic Performance	
Sensitivity ($\pm 5\%$ @ 25°C)	100 mV/g (10.2 mV/m/s ²)
Measurement Range	± 80 g (± 785 m/s ²)
Frequency Range:	($\pm 5\%$) 3 to 5000 Hz (180 to 300,000 cpm)
	(± 3 dB) 1 to 12000 Hz (30 to 720,000 cpm)
Mounted Resonant Frequency	26 kHz nominal
Amplitude Nonlinearity	1%
Transverse Sensitivity	$\leq 5\%$
Environmental	
Shock Limit	5000 g pk (49050 m/s ²)
Temperature Range	-50 to 120°C (-58 to 248°F)
Temperature Response	-15% @ -50°C, +15% @ 120°C
Sealing / Rating	Hermetic
Agency Ratings	CE 0518 ATEX II 1G, I M1 IECEX SIR 07.0032X, Sira 07ATEX2128X Ga Ex ia IIC T4 (-20°C < Ta < 50°C) Ma Ex ia I (0°C < Ta < 50°C)
Electrical	
Excitation Voltage / Current	18 to 30 VDC / 2 to 10 mA
Output Impedance	<100 ohms
Output Bias	12 VDC nominal
Broadband Resolution (2.5 to 25 kHz)	600 μ g (5883 μ m/s ²) electrical noise
Grounding	Case isolated, Internally shielded
Mechanical	
Weight	138 grams nominal (4.86 oz)
Mounting Thread/Torque	1/4-28 UNF/8 Nm (5.9 lb ft)
Sensor Element/Geometry	PZT Ceramic/Shear
Case Material	316L Stainless Steel
Supplied Accessories	
Multi Point Calibration	
1/4-28 Mounting Bolt	



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