

# CM362-7A Series

High Temperature Accelerometer, 650°F (343°C)  
Top Exit Flexible Hardline Integral Cable, 25 pC/g



PROTECTION & RELIABILITY INSTRUMENTS



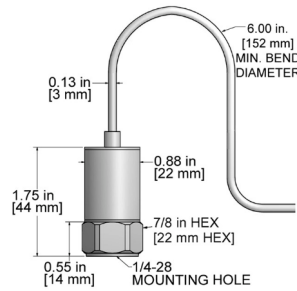
## Product Features

### Accurate Monitoring at High Temperatures

Monitor acceleration or velocity on turbines, boiler feed pumps and compressors at temperatures up to 650°F (343°C)

- ▶ Flexible, hardline integral cable system ensures that the resistance is controlled and constant to the amplifier (HA602) providing superior signal quality and reliability
- ▶ Integral cable provides optimal reliability by positioning the connector with charge amp a minimum of one meter from measurement point outside of high temperature environment
- ▶ Mineral insulated cable, similar to that used with thermocouples, protects conductors from the environment to ensure stable internal resistance levels.

CM362-7A  
Hardline Integral Cable



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	CM362-7A		<b>Physical</b>		
Sensitivity (+10%)	25 pC/g		Sensing Element	PZT Ceramic	
Frequency Response (+3dB)	60-600,000 CPM	1.0-10000 Hz	Sensing Structure	Compression Mode	
Dynamic Range	± 50 g, peak		Weight	7.2 oz	250 grams
<b>Environmental</b>			Case Material	304 Series Stainless Steel	
Temperature Range	-40 to 650°F (Sensor)	-40 to 343°C (Sensor)	Mounting	1/4-28	
	-40 to 351°F (Cable)	-40 to 177°C (Cable)	Connector (Non-Integral)	2 Pin MIL-C-5015	
Sealing	Hermetic		Resonant Frequency	1,590,000 CPM	26500 Hz
			Mounting Torque	2 to 5 ft. lbs	2,7 to 6,8 Nm
			Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
			Calibration Certificate	CA10	

Lifetime Warranty on Materials & Workmanship

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