

Kit, High Temperature Accelerometer and Charge Amplifier, 100 mV/g, 50 mV/g or 100 mV/IPS, (4mV/mm/sec) with a 4 ft. (1.2 m) Integral Cable



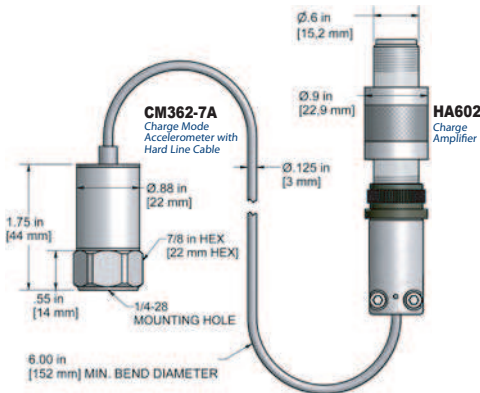
Product Features

Accurate Monitoring at High Temperatures

Permanently 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
- Proprietary compression design and build techniques ensure precise and reliable data in the harshest environments, while reducing effects of thermal transients
- Amplifier converts charge output to voltage output

Specifications



Performance Specifications		English	Metric
Frequency 3dB		60-600,000 CPM	1,0-10000 Hz
Output			
Velocity (V)		100 mV/in/sec	4 mV/mm/sec
Acceleration (A)		50mV/g / 100 mV/g	
Environmental			
Maximum Temperature (Sensor)		650°F	343°C
Maximum Temperature (Connector)		351°F	177°C
Sealing		Hermetic	
Physical			
Sensing Structure		Compression Mode	
Weight		6.7 oz	190 grams
Case Material		300 Series Stainless Steel	
Mounting Hole		1/4-28	
Cable		4 ft. Fixed Length	1.2 m
Input Source (nominal)		25 pC/g	
Electrical			
Settling Time (Turn on Time) @ Room Temperature (68°F/20°C)		< 2.5 seconds	< 2,5 seconds
Power Requirement			
Voltage Source		18-30 VDC	
Constant Current Excitation		2-10 mA	
Output Impedance, Max		< 100 ohm	
Bias Output Voltage		10-14 VDC	
Electrical Case Isolation (sensor)		>10¹⁰ ohm	
Environmental			
Maximum Temperature		250°F	121°C
Physical			
Weight		8.8 oz	295 grams

Ordering Information

KT-CM602 -

	Output
High Temperature Accelerometer and Charge Amplifier	A100 = 100 mV/g Acceleration Output A050 = 50 mV/g Acceleration Output V100 = 100 mV/in/sec (4mV/mm/sec) Velocity Output



Example Part Number: KT-CM602-A100
100 mV/g acceleration output



Lifetime Warranty on Materials & Workmanship