

MTN/CA003M



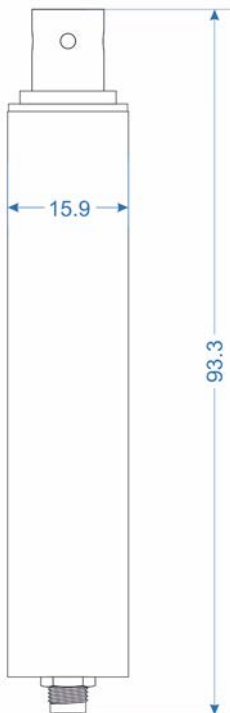
Features

- Provides mV/g output from piezoelectric charge output accelerometers
- High temperature accelerometers
- Low mass, high frequency accelerometers
- Convenient in-line configuration

Technical Specification

Sensitivity	10mV/pC
Low Frequency Response (-5%)	2Hz
High Frequency Response (-5%)	50KHz
Non-Linearity	≤1.0% FS
Temperature Range (Operating)	-40 to +125°C
Temperature Response (Sensitivity Deviation)	<1%
Maximum Shock	1000 g pk
Protection	IP67

Dimensions



Excitation Voltage	18 to 28 VDC
Constant Current Excitation	1 to 8 mA
Output Voltage	± 8 V pk nominal
Output Impedance	100 ohm
Output Bias Voltage	12V nominal
Output Polarity	Inverted
Maximum Input Voltage	30V protected
Broadband Electrical Noise (1 to 10,000 Hz)	10µV
Resistance (Minimum required at input)	5 Gohm
Housing Material	Stainless Steel
Sealing	Welded
Electrical Connector (Input)	Microdot
Electrical Connector (Output)	BNC Jack
Size (Diameter x Length)	15.9 mm x 93.3 mm
Weight	45 g

System connection

