

Tri-Axial Accelerometer

Model AI156

Features:

- IC Inside
- Tri-Axial Measurements
- 3-TNC Output

Specifications:

Dynamic Characteristics

Axes Sensitivity (20±5 deg C)	~500 mV/g
Measurement Range	10 g
Max Transverse Sensitivity	<5%
Frequency Response (10%)	1 - 1500 Hz
Resonance Frequency	6000 Hz
Temperature Response	See temperature curve
Polarity	Positive

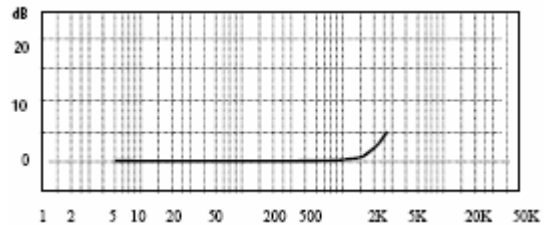
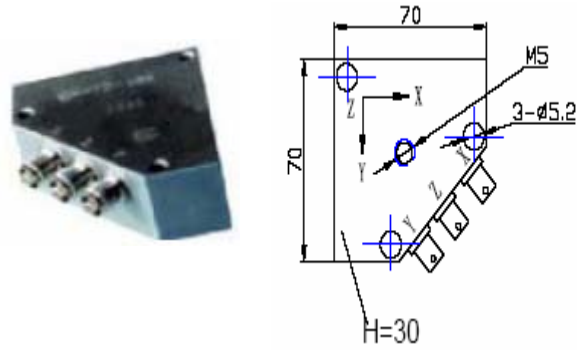
Electrical Specifications

Voltage Supply	+12 ~ 28V _{DC}
Current	+2 ~ +10 mA
Max Signal Output	<5V _p
Output Impedance	< 100 Ω
Bias Voltage	7V± 1 V _{DC}
Noise (1~20KHz)	< 2mg

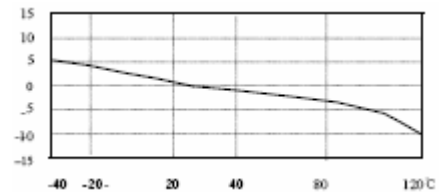
Environmental/Physical Characteristics

Temperature Range	-20 to +120 °C
Shock Limit	100g
Temperature Sensitivity	10mg/°C (0.3Hz)
Case Strain Sensitivity	1 mg/μ ε
Magnetic Field Sensitivity	0.6mg/T
Weight	800g
Case Material	Stainless Steel
Mounting	3-ϕ 5.2
Piezo Material	PZT-5
Structure	Cut mode
Output Connection	BNC

Included Accessories	Calibration sheet BNC cable x 3
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Frequency Response Curve



Temperature Curve

Product information:
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