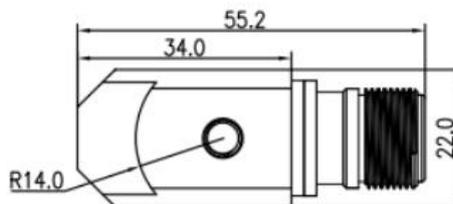
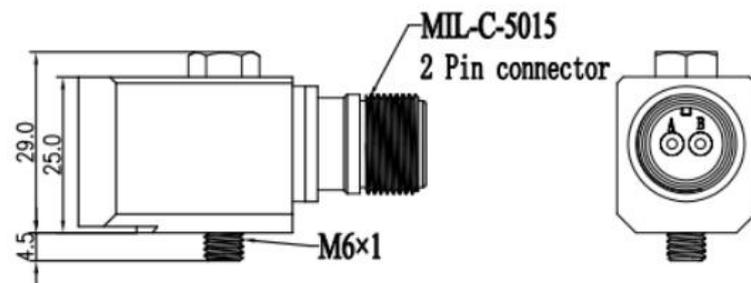


RH104 (T) Accelerometer

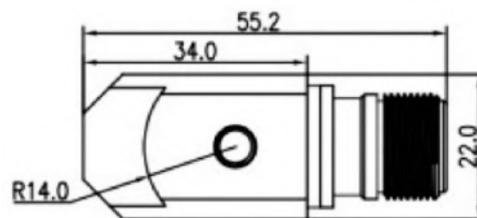
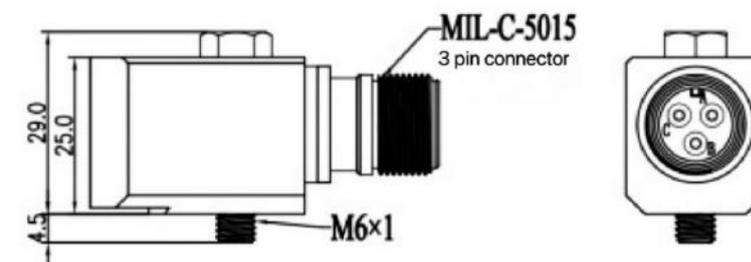
Product Overview

- Built-in IEPE circuit, isolation output, constant current source power supply
- Laser seal welded
- Using military connector, can be used for on-line monitoring in harsh industrial site
- Side exit and adjustable direction

Product Picture and Dimension



Connections	
Connector pin	Function
A	signal/power
B	GND



Connector	
Pin	Name
A	Vibration signal/ Power
B	Temperature
C	GND

RH104 (T)

Accelerometer

Main Parameters

Parameters	Specification	Remark
Physical		
Dimension	RH104: 55.2mm×22.0mm×25.0mm RH104T: 55.2mm×22.0mm×25.0mm	Length × width × height
Weight	RH104: 126g RH104T: 126g	
Mounting Thread	M6×1	
Seal Method	Laser welding	
Casting Material	316L Stainless Steel	
Output	RH104: Side output, 2-Pin MIL-C-5015 RH104T: Side output, 3-Pin MIL-C-5015	
Ambient Temperature	-55°C to +125°C	
Mounting Torque	About 2.7N.m to 6.8N.m (M6 thread)	
Protection Grade	IP 68	
Maximal Shock Level	5000g	
Basic		
Sensitivity	100mv/g (±10%)	
Range	±80g peak	
Amplitude Linearity	≤1%	
Frequency Response (±10%)	0.7Hz to 7kHz	
Frequency Response(±3 dB)	0.4Hz to 10kHz	
Resonance Frequency	About 25kHz	
Transverse Sensitivity	≤5%	
Temperature Measuring Range	-40°C to 120°C	The temperature measurement function is an optional function, corresponding to the RH104T model
Temperature Sensitivity	10mv/°C	
Temperature Voltage Output	70mv (25°C)	

RH104 (T)

Accelerometer

Main Parameters

Parameters	Specification	Remark
Electrical		
Bias Voltage	10.5VDC to 13.5VDC typical: 12VDC	
Constant Current	2mA to 20mA typical: 4mA	
Excitation Voltage	18VDC to 30 VDC typical: 24VDC	
Settling Time	≤ 2 S	
Electrical Noise Power Spectral Density	10Hz 14μg/√Hz 100Hz 5μg/√Hz 1000Hz 3μg/√Hz	
Output Impedance	<100Ω	
Grounding	Housing isolation, internal shielding	
Others		
Certification	CE, EX	
Identification	Ex ia IICT4 Ga EX ia IIC T ₂₀₀ 135°C Da	(Optional model for explosion proof area, corresponding to the EX RH104T model)