

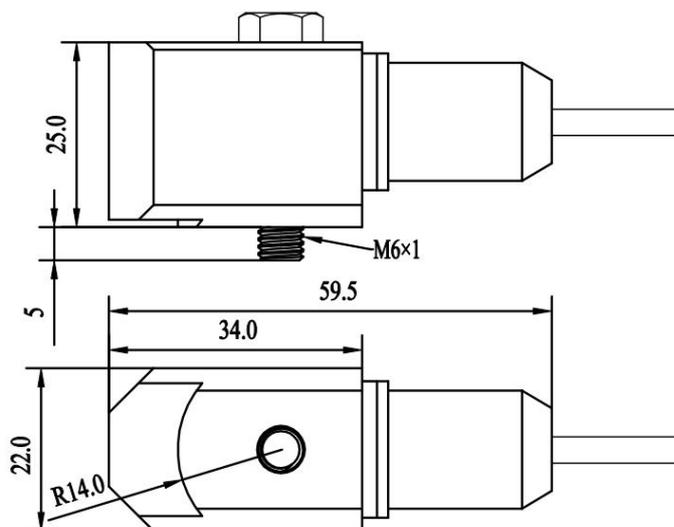
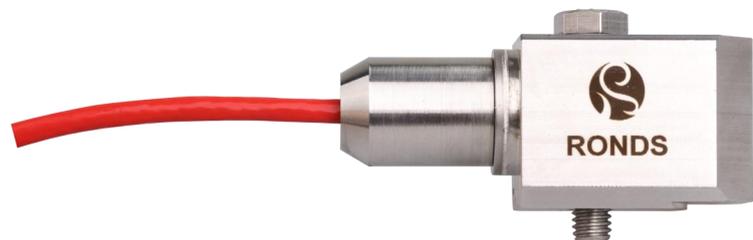
# RH104C (T)

Accelerometer

## Product Overview

- Built-in IEPE circuit, isolation output, constant current source power supply
- Laser seal welded
- Side exit installation
- Utilizes an integrated wiring structure, suitable for online monitoring in special conditions such as high humidity environments

## Product Picture and Dimension



Color	Signal
Red	Acceleration/Power
Yellow	NC
Blue	Temperature
Black	GND

# RH104C (T)

Accelerometer

## Main Parameters

Parameters	Specification	Remark
<b>Physical</b>		
Dimension	RH104C(T): 59.5mm × 22.0mm × 25.0mm	Length × width × height
Weight	RH104C(T): 126g	Cable not included
Mounting Thread	M6× 1	
Seal Method	Laser welding	
Casting Material	316L Stainless Steel	
Output	Side output, integrated cable	
Ambient Temperature	-55°C to +125°C	
Mounting Torque	About 2.7N.m to 6.8N.m (M6 thread)	
Protection Grade	IP68	
Maximal Shock Level	5000g	
<b>Basic</b>		
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 25 kHz	
Transverse Sensitivity	≤5%	
Temperature Measuring Range	-40°C to 120°C	The temperature measurement function is an optional function, corresponding to the RH104TC model
Temperature Sensitivity	10mv/°C	
Temperature Voltage Output	70mv (25°C)	

# RH104C (T)

Accelerometer

## Main Parameters

Parameters	Specification	Remark
<b>Electrical</b>		
Bias Voltage	10.5VDC to 13.5 VDC typical: 12VDC	
Constant Current	2mA to 20 mA typical: 4mA	
Excitation Voltage	18VDC to 30VDC typical: 24VDC	
Settling Time	≤2 S	
Electrical Noise Power Spectral Density	10Hz 14μg/√Hz 100Hz 5μg/√Hz 1000Hz 3μg/√Hz	
Output Impedance	<100Ω	
Grounding	Case isolated, internal shielded	
<b>Others</b>		
Identification	Ex ia IIC T4 Ga	Not standard, optional