

TR134-M12A Series

RTD Sensor, Side Exit 4 Pin M12 Connector, 500 mV/g, ±10%



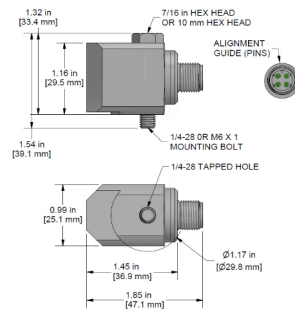
Product Features

For use with CTC M4TR Connector & CB123 cabling

- ▶ Base Mounted PT100 RTD Temperature Sensor
- ▶ Temperature and Acceleration in One Sensor
- ▶ 4 Pin M12 Connection

TR134-M12A 4 Pin Connector

Connector Pin	Polarity
1	(+) Signal/Power
2	(-) Common
3	RTD (+)
4	RTD (-)



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TR134-M12A	M/TR134-M12A	Environmental		
Sensitivity (±10%)	500 mV/g		Operating Temperature Range	-40 to 250°F	-40 to 121°C
Frequency Response (±3dB)	6-600,000 CPM	0.1 Hz- kHz	Maximum Shock Protection		5,000 g, peak
Frequency Response (±10%)	30-120,000 CPM	0.6 Hz- kHz	Electromagnetic Sensitivity		CE
Dynamic Range	± 10g, peak *Vsource ≥ 22V, 12Vbias		Sealing		Welded, Hermetic
Temperature Measurement Range	-40 to 250°F	-40 to 121°C	Physical		
Temperature Sensor	PT100 RTD		Sensing Element		PZT Ceramic
Settling Time	< 2 Seconds		Sensing Structure		Shear Mode
Voltage Source (IEPE)	18-30 VDC		Weight	3.2 oz	90 grams
Constant Current Excitation	2-10 mA		Case Material		316L Stainless Steel
Spectral Noise @ 10 Hz	1.7 µg/√Hz		Mounting Thread		1/4-28 UNF
Spectral Noise @ 100 Hz	0.2 µg/√Hz		Connector (Non-Integral)		4 Pin M12
			Resonant Frequency	1,380,000 CPM	23 kHz
			Mounting Torque	2 to 5 ft-lbs.	2,7 to 6,8 Nm