

TA201-M12A Series

Premium Dual Output Sensor, Temperature & Acceleration, Top Exit
4 Pin M12 Connector, 100 mV/g, 10 mV/°C, ±5%

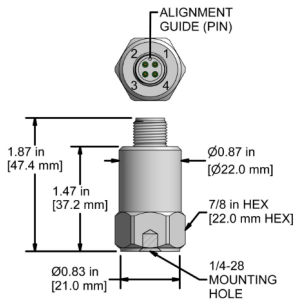


Product Features

- Premium Performance Sensor
- Helps to Detect Bearing Defects and Temperature Changes
- ▶ Temperature (10 mV/°C) and Acceleration (100 mV/g) Outputs in One Sensor via a 4 Pin M12 Connection
 - ▶ Popularly sold with SC300 Series Signal Conditioners with built-in Temperature Output

TA201-M12A
4 Pin Connector

Connector	Polarity
Pin	
1	(+) Signal/Power
2	(-) Common
3	Not Used
4	(+) Temperature Voltage



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TA201-M12A	M/ o M8/TA2 M12A	<u>Environmental</u> Operating Temperature Range	-40 to 250 °F	-40 to 121 °C
Sensitivity (±5%)	100 mV/g		Maximum Shock Protection		5,000 g, peak
Frequency Response (±3dB)	30-900,000 CPM	0.5-150 Hz	Electromagnetic Sensitivity		CE
			Sealing		IP68
Frequency Response (±10%)	120-720,000 CPM	2.0-1200 Hz	Submersible Depth	200 ft.	60 m
			<u>Physical</u> Sensing Element		PZT Ceramic
Dynamic Range	± 80 g, peak *Vsource ≥ 22V, 12Vbias		Sensing Structure		Shear Mode
Temperature Measurement Range	-40 to 250 °F	-40 to °C	Weight	3.2 oz	90 grams
Temperature Output	10 mV/°C		Case Material		316L Stainless Steel
Temperature Sensor	750 mV = 25 °C (±1)		Mounting Thread		1/4-28 Blind Tapped Hole
<u>Electrical</u> Settling Time	<2.5 seconds		Connector (Non-Integral)		4 Pin M12
					1380.000