

TC220 Series

Temperature Sensor, Top Exit, °C Output

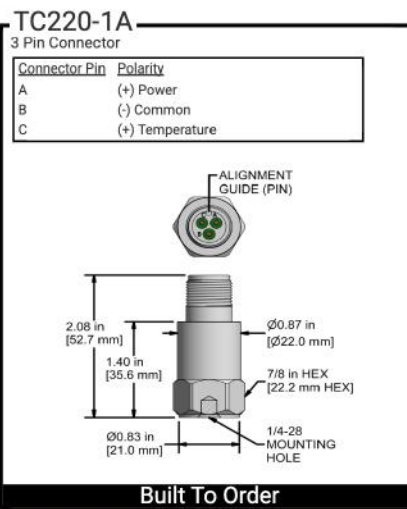


VIBRATION ANALYSIS HARDWARE



Product Features

- Temperature Output 10 mV/°C
- Temperature Range: -40 to 250°F (-40 to 121°C)
- ▶ Low Cost Temperature Only Sensor
- ▶ Three Pin MIL Connector
- ▶ For Permanent Installation



Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TC220	M/TC220	Environmental		
Sensitivity (±10%)		10 mV/°C	Operating Temperature Range	-40 to 250°F	-40 to 121°C
Temperature Measurement Range	-40 to 250°F	-40 to 121°C	Maximum Shock Protection	5,000 g, peak	
Temperature Output		10 mV/°C	Electromagnetic Sensitivity	CE	
Temperature Sensor		750 mV = 25 °C (±1)	Sealing	Welded, Hermetic	
Electrical			Physical		
Voltage Source (IEPE)		4-10 VDC	Weight	2.3 oz	65 grams
Case Isolation		>10 ⁸ ohm	Case Material	316L Stainless Steel	
			Mounting Thread	1/4-28 Blind Tapped Hole	
			Connector (Non-Integral)	3 Pin MIL-C-5015	
			Mounting Torque	2 to 5 ft. lbs	2,7 to 6,8 Nm
			Mounting Hardware Supplied	1/4-28 Stud	M6x1 Adapter Stud

Backed by our Unconditional Lifetime Warranty

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TC224 Series

Temperature Sensor, Side Exit, °C Output

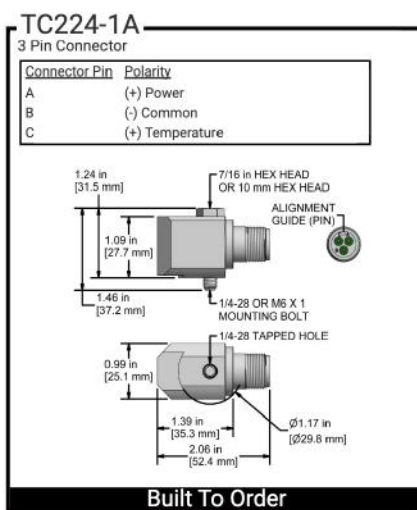


VIBRATION ANALYSIS HARDWARE



Product Features

- Temperature Sensor
- Temperature Range: -40 to 250°F (-40 to 121°C)
- ▶ Low Cost Temperature Only Sensor
- ▶ Three Pin MIL Connector
- ▶ For Permanent Installation



Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TC224	M/TC124	Environmental		
Sensitivity (±10%)		10 mV/°C	Operating Temperature Range	38° to 250°F	3° to 121°C
Frequency Response (±10%)		-40° to 250°F	Electromagnetic Sensitivity	CE	
Frequency Response (±5%)	10 mV/°C		Sealing	IP68	
Peak Sensitivity		-40° to 121°C	Physical		
Saturation Time		.5 Hr Minimum	Weight	4.3 oz	122 grams
Electrical			Case Material	316L Stainless Steel	
Voltage Source (IEPE)		4-10 VDC	Connector (Non-Integral)	3 Pin MIL-C-5015	
Case Isolation		>10 ⁸ ohm	Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
			Mounting Hardware Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt

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