

Model 4325

High Temperature EEPE Charge-Type Accelerometer



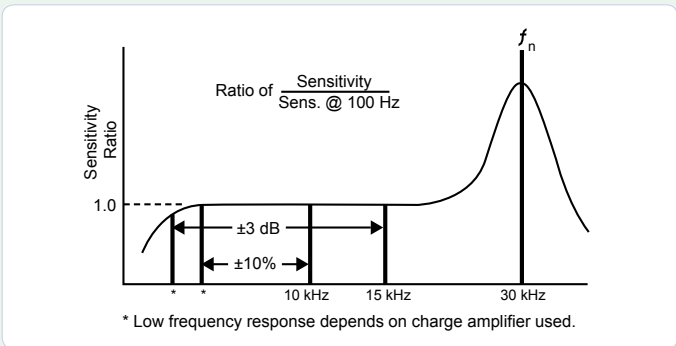
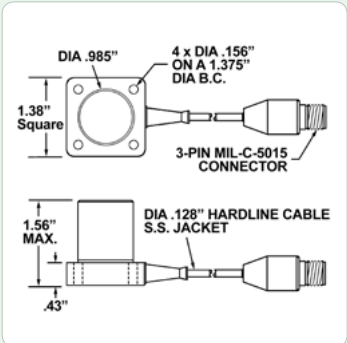
The 4000 Series of EEPE (External Electronic Piezo-Electric) accelerometers are known for their high-temperature performance. But the Model 4325 takes that strength to the next level with a temperature range of -40-550°F (-40-288°C). The Model 4325 also features a 25 pC/g sensitivity, making it the ideal accelerometer for use in the most extreme of temperature settings.

FEATURES

- 25 pC/g
- Extended temperature operation

APPLICATIONS

- Turbines
- Engines
- Furnaces
- Experimental
- Flue Gas Atomizers



OPERATING SPECIFICATIONS

Dynamic

Sensitivity @ 100 Hz, ± 10%	25 pC/g
Frequency Range ± 10%	* to 10 kHz
Frequency Range ± 3dB	* to 15 kHz
Amplitude Range	± 500 g
Mounted Resonance	> 30 kHz typical
Transverse Sensitivity	< 5%
Amplitude Linearity	< 2%

* low frequency response depends on charge amplifier

Environmental

Temperature Range	Accelerometer: -40 to 550°F / -40 to 288°C
	Connector: -40 to 450°F / -40 to 232°C
Base Strain	0.005 g peak/μstrain
Shock Limit	5,000 g

Physical

Dimensions	1.56" h x 1.38" w x 1.38" d
	(4 cm x 3.5 cm x 3.5 cm)
Weight (inc. 6-foot hardline cable)	3.17 oz / 90 grams
Case/Base Material	Stainless Steel (316)
Design	Compression
Mounting	4-point mounting
Mounting Torque	20 in-lb (2.2 N-m)
Cable	Integral 6-foot hard-line cable
	(1" min bend radius)
Connector	Hermetic 3-pin (MIL 5015)
Connector Pinout	Pin A (+), Pin B (-), Pin C (Connected to case)

ORDERING INFORMATION AND ACCESSORIES

Model 4325	4325-5015
In-line Charge Amp	CA-04-5015
Cable Assembly, Softline, 3-pin MIL to TNC(M), Tefzel	
2-conductor shielded twisted pair cable	4002-5085

Sensors include

- NIST Traceable Calibration
- User Manual
- 1-Year Warranty

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