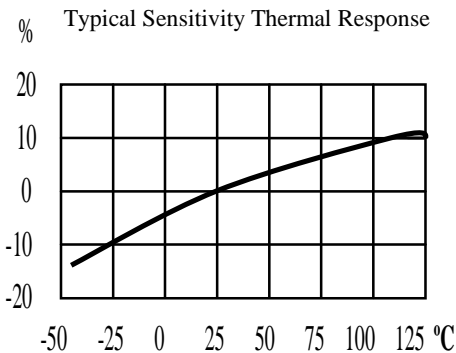
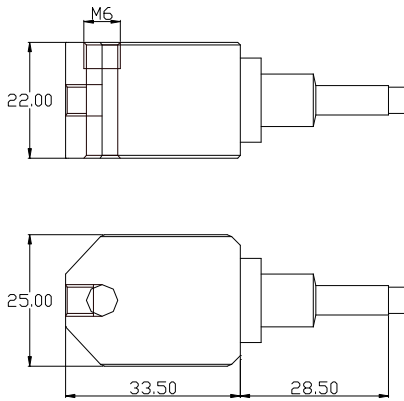




## IEPE Industrial Application – Through Hole Mounting

### Model NTI-14226



#### DYNAMIC

Sensitivity ± 5%	-----	100 mV/g
Measurement Range	-----	± 50 g peak
Broadband Resolution	-----	0.0001 g rms
Amplitude Nonlinearity	-----	1 %
Frequency Range ± 5%	-----	0.5 – 7 kHz
± 10%	-----	0.3 – 8 kHz
Resonance Frequency	-----	23 kHz
Transverse Sensitivity	-----	≤ 5 %

#### ELECTRICAL

Excitation Voltage	-----	18 - 30 VDC
Constant Current Excitation	-----	2 – 20 mA
Output Impedance	-----	≤ 100 Ω
Output Bias Voltage	-----	12 VDC
Spectral Noise (10 Hz)	-----	12 μg /√Hz
(100 Hz)	-----	4 μg /√Hz
(1000 Hz)	-----	3 μg /√Hz
Case Insulation Resistance	-----	≥ 1 x 10 <sup>8</sup> Ω

#### ENVIRONMENT

Maximum Vibration	-----	400 g peak
Maximum Shock	-----	1000 g peak
Operation Temperature	-----	-40 to 248°F / -40 to 120°C
Sealing	-----	Welding
Base Strain Sensitivity	-----	0.002 g/μ strain

#### PHYSICAL

Sensing Element	-----	Ceramic / Shear
Housing Material	-----	Stainless Steel
Output Connector / Position	-----	Integral Cable
Mounting Thread	-----	M5 Through Hole
Weight	-----	85 gram

#### ACCESORIES SUPPLIED

- Ø 4.5 mm x 1 m Integral Double Twist Shield Cable with BNC Connector
- M5 Through Hole Mounting Screw
- Calibration Certificate

Note: Mounting screw can be changed to English 10-32 thread by request.