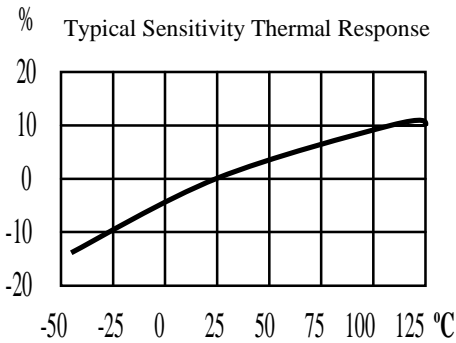
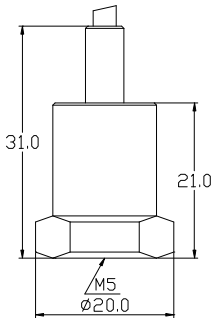




IEPE Industrial Application - Integral Cable / Insulation Base

Model NTI-14122



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 | ----- | 27 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 |
| Mounting Ground Insulation Resistance | ----- | ≥ 1 x 10 ⁸ 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 | ----- | 0.001 g/μ strain |

PHYSICAL

| | | |
|-----------------------------|-------|-----------------|
| Sensing Element | ----- | Ceramic / Shear |
| Housing Material | ----- | Stainless Steel |
| Output Connector / Position | ----- | Integral Cable |
| Mounting Thread | ----- | M5 |
| Weight | ----- | 25 gram |

ACCESORIES SUPPLIED

- Ø 3 mm x 1 m Integral Low Noise Cable with BNC Connector
- M5-M5 Mounting Stud
- Calibration Certificate

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