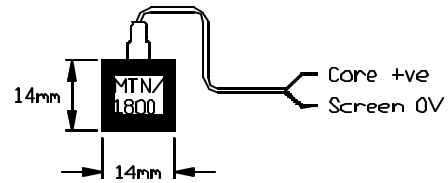


MTN/1800 Series

Light Weight Accelerometer

Applications

- Model Analysis
- Research & Development
- PCB Testing



Technical Specification

Sensitivity	1000 mV/g \pm 5% (100 mV/g option available)
Range	+/- 10g (100g for 100 mV/g)
Frequency Response	5 Hz to 14 kHz - 10% (3 dB at 3 Hz)
Phase Shift	+/-5% up to 2kHz
Transverse Sensitivity	5% (max)
Resonant Frequency	25 kHz (nominal)
Amplitude Non Linearity	1% max over full range
Current Range	4 mA to 10 Ma
Supply Voltage	20-30 volts dc
Output Impedance	200 ohms (max)
Isolation	Base isolated
Bias Voltage	12 volts DC nominal
Output	Non-isolated
Temperature Range	-55 to 120°C
Temperature Co-efficient	0.08%/°C
Construction	Compression
Vibration (Shock)	5,000g (max)
Case Material	HE30 Aluminium
Mounting	Bond with beeswax or adhesive
Weight	9 gms (nominal)
Sealing	IP65
Options	Other sensitivities, Mounting configurations (male threads only)

