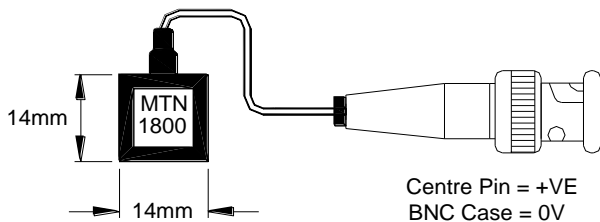


Lightweight, small footprint, constant current, high sensitivity accelerometer. Specially adapted for modal analysis and vibration testing in a laboratory. Sealed to IP65. Not recommended for installation in industrial environments. Aluminium body, 12mm cube with lightweight PVC cable terminated with a BNC plug.

MTN/1800



Dimensions



Applications

- Model Analysis
- Research & Development
- PCB Testing

Technical

Standard Sensitivity	1000 mV/g +/-5%
Range	+/-10g (100g for 100 mV/g)
Frequency Response	5Hz to 12kHz +/-10%, (-3dB at 3Hz)
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	0.5 mA to 8 mA
Isolation	Base Isolated
Bias Voltage	12 volts DC (nominal)
Output	Non-isolated
Temperature Range	-55 to 120°C
Temperature Co-efficient	0.08 %/°C
Vibration (Shock)	5,000g (max)
Cable	5 metres light weight ETFE fitted with BNC plug
Case Material	Black anodised HE30 aluminium
Mounting	Bond with beeswax or adhesive
Weight	11 gms (nominal)
Sealing	IP65

System Connection

