

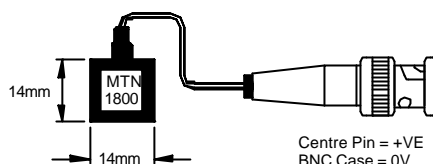


MTN/1800 Series

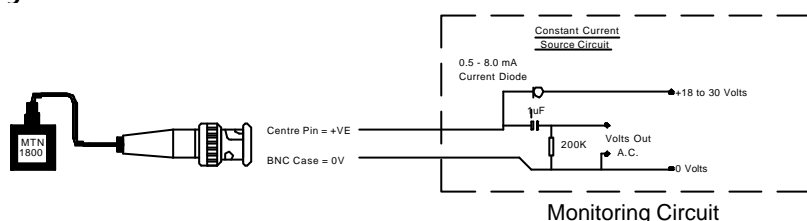
Lightweight accelerometer

Applications

- Model analysis
- Research & development
- PCB testing



System Connection



Technical Specification

Sensitivity	1000 mV/g \pm 5%
Range	\pm 10g (100g for 100 mV/g)
Frequency Response	5 Hz to 12 kHz \pm 10% (-3 dB at 3 Hz)
Phase Shift	\pm 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 PTFE fitted with BNC plug
Case Material	Black anodised HE30 Aluminium
Mounting	Bond with beeswax or adhesive
Weight	9 gms (nominal)
Sealing	IP65
Options	Other sensitivities, mounting configurations (male threads only)