

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, 16 x 14 x 14 mm cube with lightweight PVC cable terminated with a BNC plug.

## MTN/1800



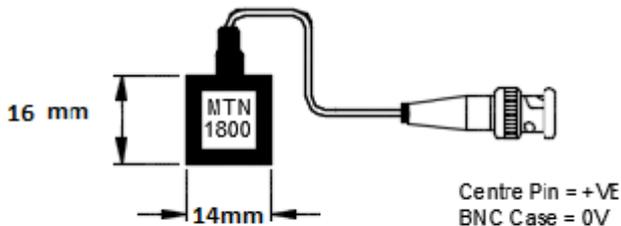
## Applications

- Model analysis
- Research and 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

## Dimensions



## System Connection

