

Low profile, general purpose, side-entry constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments with restrictive access. Sealed to IP67 and includes stainless steel overbraided ETFE cable and  $\frac{1}{4}$ ", M6 or M8 mounting bolt.

## MTN/1830

## Applications

- Machine Tools
- Paper Machinery

## Technical



Sensitivity	100 mV/g +/-10% nominal at 80 Hz
Frequency Response	2Hz to 9kHz +/-5%, (-3dB at 0.8Hz)
Mounted Base Resonance	18 kHz (nominal)
Isolation	Base Isolated
Transverse Sensitivity	Less than 5%
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Temperature Range	-25 to 125°C
Bias voltage	12 Volts DC (nominal)
Case Material	Stainless Steel
Cable	Integral Stainless Steel O/B ETFE
Standard Cable Length	5 metres
Maximum Cable Length	100 metres
Mounting Torque	8 Nm
Mounting Bolt Provided	M6 x 25mm or M8 x 25mm
Weight	110 gms (nominal)
Sealing	IP67
Shock Limit	500g

**Dimensions and system connection details below:**

