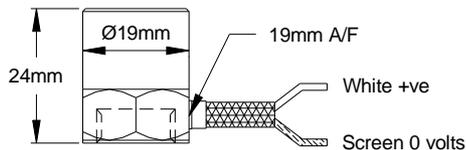


Small footprint, general purpose, side-entry, constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes stainless overbraided ETFE cable. Available with a wide range of mountings and 19mm diameter base and 24mm high.

### MTN/1120SC



### Dimensions



### Applications

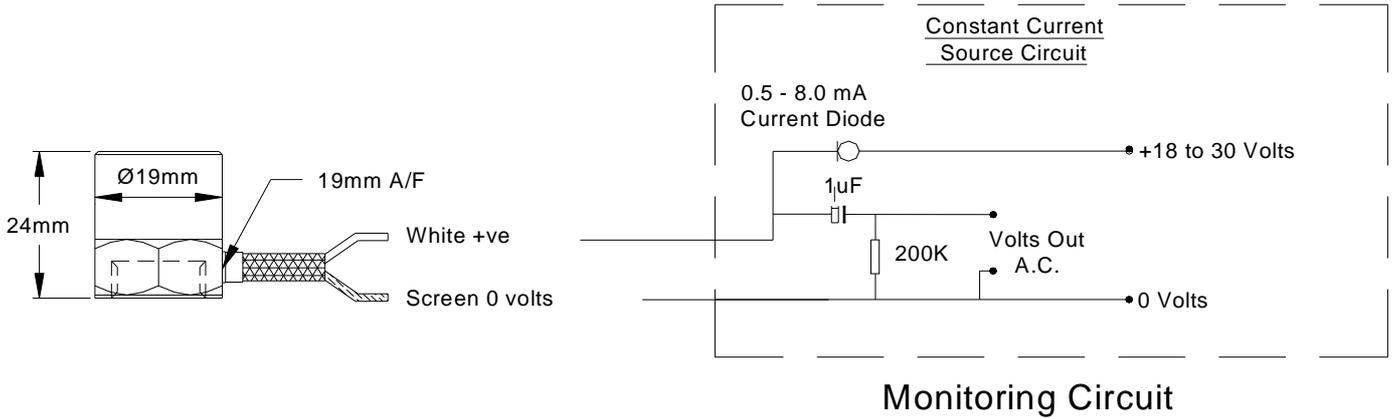
- Paper Machinery
- General Industry
- Pumps, Fans, etc
- Machine Tools

### Technical

Standard Sensitivity	100 mV/g +/-10% Nominal at 80 Hz
Frequency Response	2 Hz to 10 KHz +/-5% (-3dB at 0.8 Hz)
Mounted Base Resonance	20 KHz (nominal)
Isolation	Base isolated
Transverse Sensitivity	Less than 5%
Dynamic Range	+/-80g
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Temperature Range	-55 to 140 °C
Temperature Sensitivity	0.08 %/°C
Bias Voltage	12 Volts DC (nominal)
DC Supply	18 to 30 Volts
Case Material	Stainless steel
Cable	Integral S/S overbraided ETFE
Standard Cable Length	5 metres
Maximum Cable Length	100 metres
Mounting Torque	8 Nm
Weight	45 gms (nominal)
Sealing	IP67

Order Code Part No	Mounting	xx = Optional sensitivity range Available (+/- 10%)
MTN/1120SC-xx MTN/1120SCQ-xx	¼" UNF Female Quick Fit Female	10 mV/g 30 mV/g 50 mV/g

## System Connection

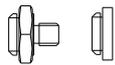


## Mounting Adaptors and Studs

### 1120 Stud supplied as standard

Part #	From	To
MS021	¼"-28 UNF Male	M8 Male

### Quick Fit Adaptors (1120 Quick Fit (Q/F))



Part #	From	To
MS010	Q/F Male	Glue base
MS055	Q/F Male	M8 Male
MS072	Q/F Male	M6 Male
MS102	Q/F Male	10-32 UNF Male
MS117	Q/F Male	¼"-28 UNF Male