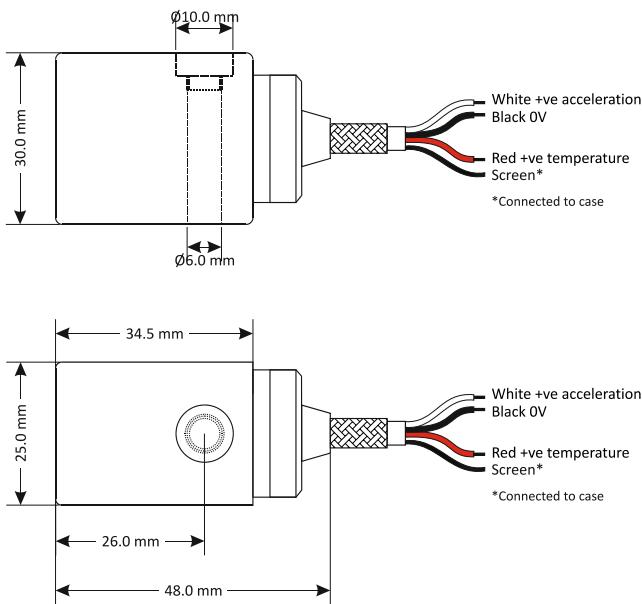


Dual purpose, side-entry, constant current accelerometer with isolated AC (g) and temperature outputs. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes stainless steel overbraided ETFE cable.

MTN/1100STC



Dimensions



Applications

- Data collection
- General industry
- Paper machinery
- Pumps, fans, etc

Technical

Standard sensitivity	100mV/g $\pm 10\%$ nominal @ 80Hz
Temperature output sensitivity	10mV/ $^{\circ}\text{C}$ (range 2 $^{\circ}$ to 100 $^{\circ}\text{C}$)
Frequency response	2Hz to 10kHz $\pm 5\%$ (-3dB @ 0.8Hz)
Mounted base resonance	18kHz (nominal)
Isolation	Base isolated
Dynamic range	$\pm 80\text{g}$
Transverse sensitivity	Less than 5%
Electrical noise	0.3mg max
Current range	0.5 to 8mA
Operating temperature	-55 to 140 $^{\circ}\text{C}$
Bias voltage	12V DC (nominal)
Case material	Stainless steel
Cable	Integral stainless steel overbraided ETFE
Standard cable length	5m
Maximum cable length	100m
Mounting torque	8Nm
Weight	170g (nominal)
Sealing	IP67

Options

- Other sensitivities (see below)

Part #	Mounting	xx = Optional sensitivity ($\pm 10\%$)
MTN/1100STC-xx	1/4"-28 UNF x 33mm	10
MTN/1100STCM6-xx	M6 x 35mm	25
MTN/1100STCM8-xx	M8 x 28mm	30
		50

System connection

