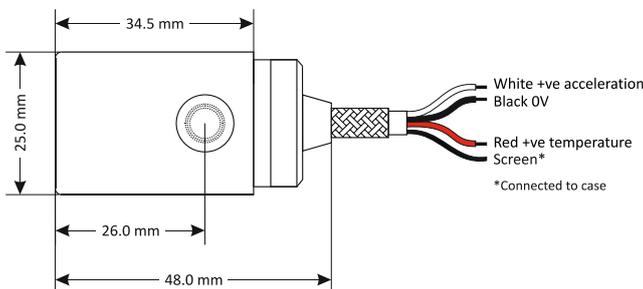
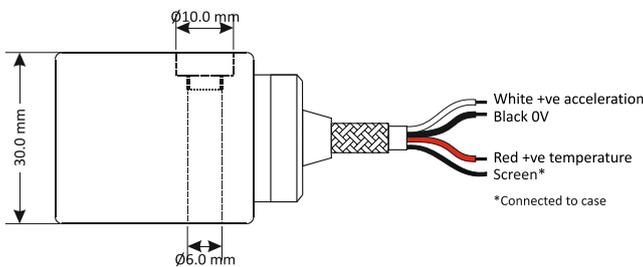


Dual purpose, side-entry, constant current accelerometer with isolated AC(g) and temperature outputs. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes stainless steel overbraided ETFE cable.

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 (±10%)
MTN/1100STC-xx	¼"-28 UNF x 33mm	10
MTN/1100STCM6-xx	M6 x 35mm	25
MTN/1100STCM8-xx	M8 x 28mm	30
		50

System connection

