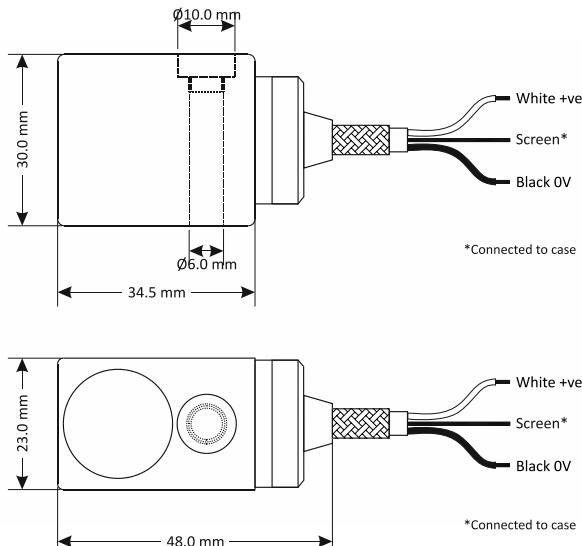


General purpose, side-entry, constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes integral stainless steel overbraided ETFE cable and  $\frac{1}{4}$ "-28 UNF, M6 or M8 mounting bolt.

## MTN/1100SC



## Dimensions



## Applications

- General or heavy industry
- Data collection
- Paper machinery
- Pumps, fans etc
- Air handling units
- Machine tools

## Technical

Standard sensitivity	100mV/g $\pm 10\%$ nominal @ 80Hz
Frequency response	2Hz to 10kHz $\pm 5\%$ (-3dB @ 0.8Hz)
Mounted base resonance	18kHz (nominal)
Isolation	Base isolated
Dynamic range	$\pm 80g$
Transverse sensitivity	Less than 5%
Electrical noise	0.1mg max
Current range	0.5 to 8mA
Temperature range	-55 to 140°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

- Mounting bolts (see below)

Part #	Mounting	xx = Optional sensitivity ( $\pm 10\%$ )
MTN/1100SC-xx	1/4"-28 UNF x 33mm	10
MTN/1100SCM6-xx	M6 x 35mm	25
MTN/1100SCM8-xx	M8 x 28mm	30 50

## System connection

