

## MTN/1100SC Series

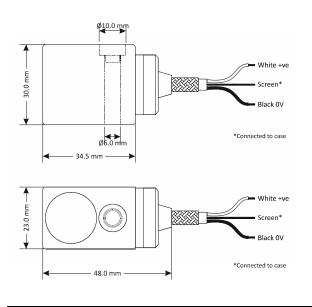
Low profile industrial accelerometer for restricted access installations

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 <sup>1</sup>/<sub>4</sub>"-28 UNF, M6 or M8 mounting bolt.

#### MTN/1100SC



Dimensions



#### Applications

- General or heavy industryData collectionPaper machinery
- •Pumps, fans etc
- •Air handling units
- Machine tools

#### **Technical**

Standard sensitivity	100mV/g ±10% nominal @ 80Hz	
Frequency response	2Hz to 10kHz ±5% (-3dB @ 0.8Hz)	
Mounted base resonance	18kHz (nominal)	
Isolation	Base isolated	
Dynamic range	±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	

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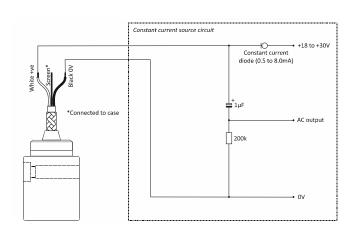
System connection

**Options** 

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### Mounting bolts (see below)

Part #	Mounting	xx = Optional sensitivity (±10%)
MTN/1100SC-xx	¼"-28 UNF x 33mm	10
MTN/1100SCM6-xx	M6 x 35mm	25 30 50
MTN/1100SCM8-xx	M8 x 28mm	



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We reserve the right to alter specifications without prior notice.