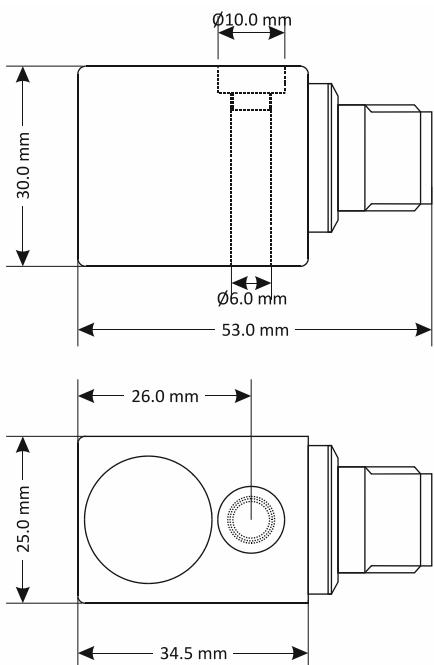


General purpose, side-entry, constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes 2-pin C5015 military style connector and  $\frac{1}{4}$ "-28UNF, M6 or M8 mounting bolt.

## MTN/1100S



## 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
Mating connector	MTN/MH002
Maximum cable length	100m
Mounting torque	8Nm
Weight	170g (nominal)
Sealing	IP67

## Options

- Cable assemblies
- Mounting bolts (see below)

Part #	Mounting	xx = Optional sensitivity ( $\pm 10\%$ )
MTN/1100S-xx	1/4"-28 UNF x 33mm	10
MTN/1100SM6-xx	M6 x 35mm	25
MTN/1100SM8-xx	M8 x 28mm	30 50

## System connection

