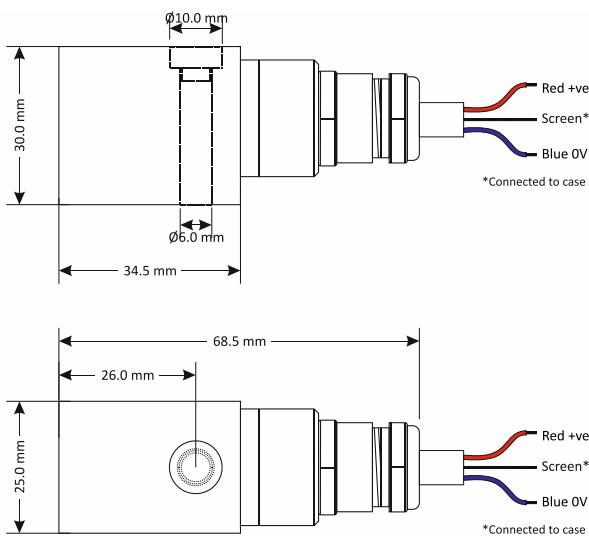


Submersible, general purpose, side-entry constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh underwater environments and areas with constant moisture or condensation. Sealed to IP68 and includes integral heavy duty polyurethane cable and $\frac{1}{4}$ "-28UNF, M6 or M8 mounting bolt.

MTN/1100SW



Dimensions



Applications

- General or heavy industry
- Data collection
- Paper machinery
- Submersible pumps
- 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 90 °C
Bias voltage	12V DC (nominal)
Case material	Stainless steel
Cable	Integral polyurethane – length to be specified at point of order
Submersible depth	5m max (0.5 bar)
Maximum cable length	100m
Mounting torque	8Nm
Weight	170g (nominal)
Sealing	IP68

Options

- Mounting bolts (see below)

Part #	Mounting	xx = Optional sensitivity ($\pm 10\%$)
MTN/1100SW-xx	1/4"-28 UNF x 33mm	10
MTN/1100SWM6-xx	M6 x 35mm	25
MTN/1100SWM8-xx	M8 x 28mm	30 50

System Connection

