

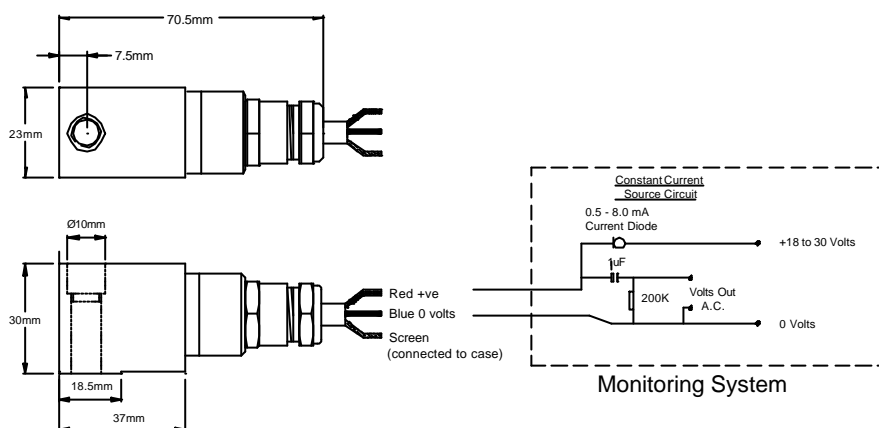


## MTN/1100SWM8

Low profile submersible side entry industrial accelerometer for restricted access installations

### Applications

- Paper Machinery
- General Industry
- Roll Monitoring
- Air Handling Units
- Submersible Pumps
- Machine Tools



### Technical Specification

Standard Sensitivity	100 mV/g $\pm$ 10% Nominal at 80 Hz
Frequency Response	2 Hz to 10 kHz $\pm$ 5% (-3 dB at 0.8 Hz)
Mounted Base Resonance	18 kHz (nominal)
Isolation	Base isolated
Dynamic Range	$\pm$ 80g
Transverse Sensitivity	Less than 5%
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Temperature Range	-25 to 90 °C
Bias Voltage	12 volts DC (nominal)
Case Material	Stainless steel
Cable	Polyurethane – length to be specified at point of order
Submersible Depth	100 metres maximum (10 bar)
Maximum Cable Length	1000 Metres
Mounting Torque	8Nm
Mounting Bolt Provided	M8 x 28mm long
Weight	170 gms (nominal)
Sealing	IP68
Options	Other sensitivities