

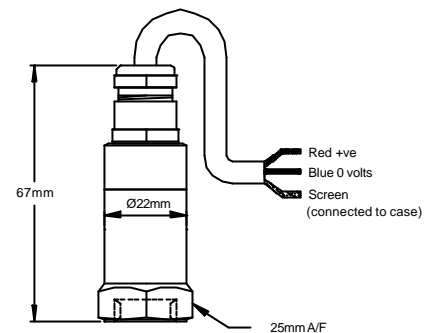


## MTN/1100W Series

Fully submersible industrial accelerometer

### Applications

- Submersible pumps
- Roll monitors
- Paper machinery



### Technical Specification

Standard Sensitivity	100mV/g $\pm 10\%$ nominal at 80Hz
Frequency Response	2 Hz to 10 kHz $\pm 5\%$ (-3dB at 0.8Hz)
Measurement Range	$\pm 50$ g
Mounted Resonance	18 kHz min
Isolation	Base isolated
Operating Temp Range	-25 to 90°C
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Transverse Sensitivity	Less than 5%
Bias Voltage	12 Volts DC (nominal)
Cable	Black Polyurethane - length to be specified at point of order
Maximum Cable Length	1000 metres
Case Material	Stainless steel
Weight	120 gms (nominal)
Sealing	IP68
Mounting Torque	8 Nm
Submersible Depth	100 metres maximum (10 bar)

ORDER CODE PART No	MOUNTING
MTN/1100W MTN/1100WQ	¼" UNF FEMALE QUICK FIT FEMALE
FOR OTHER MOUNTINGS SEE OVER PAGE.	

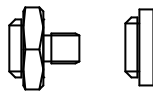
# Mounting Adapters and Studs

## Studs and Grub Screws



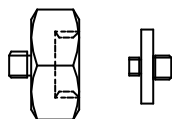
Male Studs		
Product Code	From	To
MS036	1/4" - 28 UNF	M6
MS039	1/4" - 28 UNF	10 - 32 UNF
MS067	1/4" - 28 UNF	M8
MS068	1/4" - 28 UNF	1/4" - 28 UNF
MS124	1/4" - 28 UNF	M10
MS132	1/4" - 28 UNF	M12

## Quick Fit Adapters



Quick Fit (Q/F)		
Product Code	From	To
MS001	Q/F Male	Glue base
MS002	Q/F Male	M8 Male
MS003	Q/F Male	M10 Male
MS004	Q/F Male	1/4" - 28 UNF Male
MS006	Q/F Male	M6 Male

## Other Adapters



Mounting Adapters		
Product Code	From	To
MS005	Q/F Male	1/4" - 28 UNF Female
MS007	Q/F Male	10 - 32 UNF Female
MS008	Q/F Male	M8 Female
MS011	1/4" - 28 UNF Male	Q/F Female
MS013	1/4" - 28 UNF Male	Glue base
MS033	1/4" - 28 UNF Male	Q/F Female
MS038	Q/F Male	M8 Conical Male
MS061	1/4" - 28 UNF Male	10 - 32 UNF Male
MS079	1/4" - 28 UNF Male	Q/F Female
MS106	Q/F Male	M10 Female

Isolation		
Product Code	From	To
MS034	1/4" - 28 UNF Male	1/4" - 28 UNF Female
MS093	Q/F Male	M8 Male

## System Connection

