

General purpose, top-entry, constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. 3 wire device, requires 24V supply. Sealed to IP67 and includes integral stainless overbraided ETFE cable and is available with a wide range of mountings.

MTN/1107C

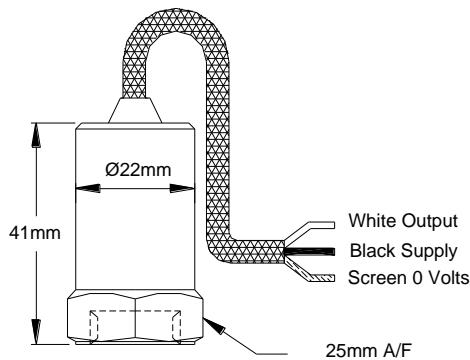


Applications

- Paper Machinery
- General Industry
- Pumps, fans, etc.
- Air Handling Units
- Machine Tools

Technical

Standard Sensitivity	100 mV/g +/-10% nominal at 80 Hz
Frequency Response	2Hz to 10kHz +/-10%, (-3dB at 0.8Hz)
Mounted Base Resonance	18 kHz (nominal)
Isolation	Base Isolated
Transverse Sensitivity	Less than 5%
Electrical Noise	0.1 mg max
Temperature Range	-55 to 140°C
Supply Voltage	+15 V to +28 VDC
Bias Voltage	8 Volts DC nominal
Case Material	Stainless Steel
Cable	Integral Stainless Steel O/B ETFE
Standard cable Length	5 metres
Maximum Cable Length	100 metres
Mounting Torque	8 Nm
Weight	110 gms (nominal)
Sealing	IP67



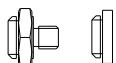
Mounting Adaptors and Studs

Studs and Grub Screws



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

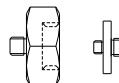
Quick Fit Adaptors



Part #	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

ORDER CODE PART No	MOUNTING	SENSITIVITY (AC) (+/- 10%)
MTN/1107C-xx	1/4" UNF Female	10 mV/g 30 mV/g 50 mV/g 100 mV/g
MTN/1107CQ-xx	Quick Fit Female	

Other Adapters



Part #	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 Adapters

Part #	From	To
MS034	1/4"-28 UNF Male	1/4"-28 UNF Female
MS093	Q/F Male	M8 Male

System Connection Details

