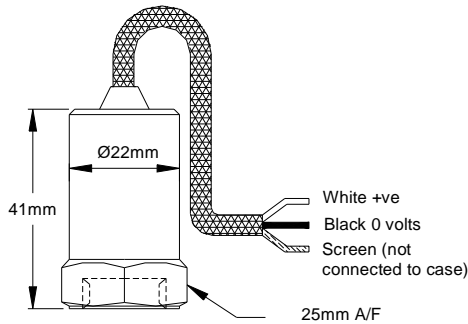


General purpose, top-entry, constant current velocity sensor with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes integral stainless overbraided ETFE cable. Available with a wide range of mountings.

## MTN/1600C



## Dimensions



## Applications

- Paper machinery
- General Industry
- Pumps, Fans, etc.
- Turbines
- Machine Tools

## Technical

Sensitivity	4mV/mm/sec
Frequency Response	5 Hz to 4 KHz +/-5% (-3dB at 1.5 Hz)
Mounted Base Resonance	18 KHz (nominal)
Isolation	Base Isolated
Transverse Sensitivity	Less than 5%
Electrical Noise	0.3 mg to 8 mA
Current Range	0.5 mA to 8 mA
Temperature Range	-25 to 140 °C
Bias Voltage	12 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
Mating Connector	MTN/MH002
Maximum Cable length	100 metres

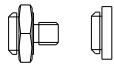
## Mounting Adaptors and Studs

### Studs and Grub Screws



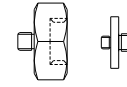
Part #	From	To
MS036	¼"-28 UNF Male	M6 Male
MS039	¼"-28 UNF Male	10-32 UNF Male
MS067	¼"-28 UNF Male	M8 Male
MS068	¼"-28 UNF Male	¼"-28 UNF Male
MS124	¼"-28 UNF Male	M10 Male
MS132	¼"-28 UNF Male	M12 Male

### 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	¼"-28 UNF Male
MS006	Q/F Male	M6 Male

### Other Adapters



Part #	From	To
MS005	Q/F Male	¼"-28 UNF Female
MS007	Q/F Male	10-32 UNF Female
MS008	Q/F Male	M8 Female
MS011	¼"-28 UNF Male	Q/F Female
MS013	¼"-28 UNF Male	Glue base
MS033	¼"-28 UNF Male	Q/F Female
MS038	Q/F Male	M8 Conical Male
MS061	¼"-28 UNF Male	10-32 UNF Male
MS079	¼"-28 UNF Male	Q/F Female
MS106	Q/F Male	M10 Female

### Isolation Adaptors

Part #	From	To
MS034	¼"-28 UNF Male	¼"-28 UNF Female
MS093	Q/F Male	M8 Male

Order Code	Part No	Mounting
MTN/1600C		¼" UNF Female
MTN/1600CQ		Quick Fit Female

## System Connection

