

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 2-pin C5015 military style connector. Available with a wide range of mountings.

MTN/1600



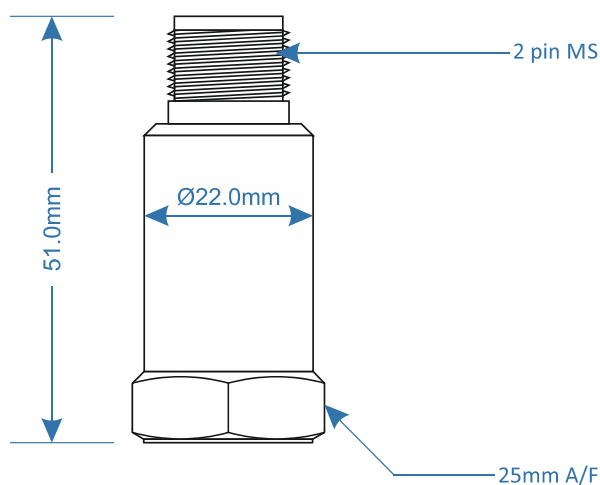
Applications

- Data Collector
- Heavy Industry
- Paper machinery

Technical

| | |
|------------------------|------------------------------------|
| Sensitivity | 4mV/mm/sec |
| Frequency Response | 5Hz to 4kHz $\pm 5\%$ (-3dB@1.5Hz) |
| Mounted Base Resonance | 18kHz (nominal) |
| Isolation | Base Isolated |
| Transverse Sensitivity | < 5% |
| Electrical Noise | 0.3mg |
| Current Range | 0.5 to 8mA |
| Temperature Range | -25 to 140°C |
| Bias Voltage | 12 Volts DC (nominal) |
| Case Material | Stainless steel |
| Mounting Torque | 8Nm |
| Weight | 110g (nominal) |
| Sealing | IP67 |
| Mating Connector | MTN/MH002 |
| Maximum Cable length | 100 metres |

Dimensions



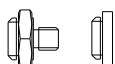
Mounting Adaptors and Studs

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 |

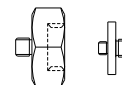
Quick Fit Adaptors



| 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 |

| Order Code | Part No | Mounting |
|------------|---------|------------------|
| MTN/1600 | | ¼" UNF Female |
| MTN/1600Q | | Quick Fit Female |

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 |

System Connection

