

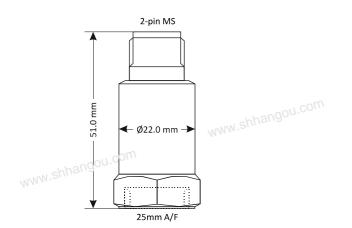
General purpose industrial accelerometer

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. Sealed to IP67 and includes 2-pin C5015 military style connector. Available with a wide range of mountings.

## MTN/1100



## **Dimensions**



| Applications   | WWW.~                           |
|--|---------------------------------|
| <ul> <li>Data collection</li> <li>Heavy industry</li> <li>Paper machinery</li> </ul> |                                 |
| Technical  |                                 |
| Standard sensitivity   | 100mV/g ±10% nominal @ 80Hz     |
| Frequency response   | 2Hz to 10kHz ±5% (-3dB @ 0.8Hz) |
| Mounted base resonance   | 18kHz (nominal)                 |
| Isolation  | Base isolated                   |
| Dynamic range  | ±80g                            |
| Transverse sensitivity   | Less than 5%                    |
| Electrical noise   | 0.1mg max                       |
| Current range  | 0.5 to 8mA                      |
| Temperature range  | -55 to 140°C                    |
| Bias voltage   | 12V DC (nominal)                |
| Case material  | Stainless steel                 |
| Mating connector   | MTN/MH002                       |
| Maximum cable length   | 1000m                           |
| Mounting torque  | 8Nm                             |
| Weight   | 110g (nominal)                  |
| Sealing  | IP67                            |

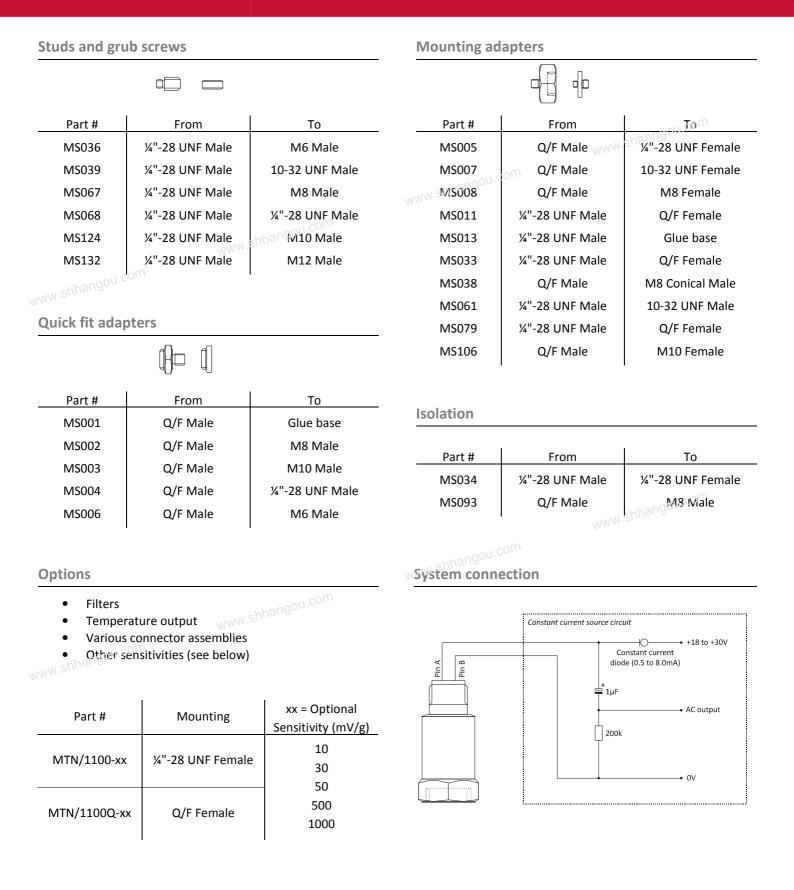
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