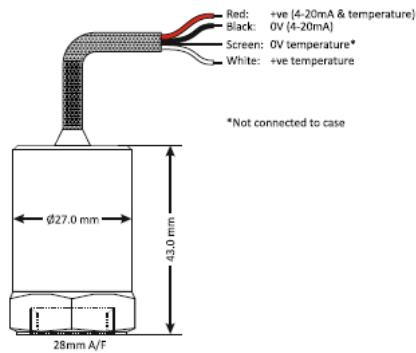


Dual purpose, top-entry velocity transducer with DC and temperature outputs. Made from robust stainless steel throughout for continuous vibration monitoring in harsh environments. Internal electronics are enclosed in a Faraday cage and isolated to minimise noise. Sealed to IP67 with loop powered, 4-20mA output for direct connection to PLC and other industrial controllers. Includes integral stainless overbraided ETFE cable and is available with a wide range of mountings.

MTN/2285TC



Dimensions



Applications

- Air handling units
- Building services
- Fans

Technical

| | |
|------------------------|---|
| Output current | 4-20mA DC proportional to rms velocity (mm/s) |
| Temperature output | 10mV/°C |
| Supply voltage | 12-32V DC (4-20mA) |
| Frequency response | 2Hz to 1kHz $\pm 10\%$ |
| Mounted base resonance | 5kHz (nominal) |
| Isolation | Electronics in Faraday cage, isolated from body |
| Dynamic range | 50g peak |

Transverse sensitivity Less than 5%

Operating temperature -25 to 90°C

Temperature sensitivity 0.08%/°C

Case material Stainless steel

Cable Integral stainless steel overbraided ETFE

Standard cable length 5m

Maximum cable length 100m

Mounting torque 8Nm

Weight 140g (nominal)

Sealing IP67

System connection

