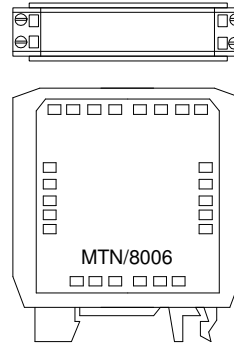




MTN/8006

Vibration Module

- Accelerometer Input
- 4-20 mA Velocity or Acceleration Output
- Low Pass Filter
- DIN Rail Mounting



The MTN/8006 vibration module is designed to power and accept a signal from a constant current accelerometer. The signal can be integrated and converted to a 4-20mA current proportional to velocity or a standard acceleration output. The unit is housed in a DIN Rail mounting box for easy installation into junction boxes etc.

Technical Specification

| | |
|--------------------|---|
| Power Input | 24Vdc at 40mA |
| Signal Input | From 100mV/g constant current accelerometer |
| Outputs | 4-20mA proportional to acceleration or velocity |
| Acceleration Range | 0-50g or as specified (Part no: MTN/8006g) |
| Velocity Range | 0-25mm/s or as specified (Part no: MTN/8006) |
| Temperature Range | 0-85°C |
| Filter | Low Pass –3dB @ 1kHz or as specified |
| Construction | Universal DIN Rail mounting enclosure |
| Dimensions | 62mm x 65mm x 11mm |
| Terminations | Screw terminals |
| Options | Other filters available |

| Connections | | |
|-------------|-----|---------------------|
| Terminal | “A” | Accel. Input 0V |
| Terminal | “B” | Accel. Input Signal |
| Terminal | “C” | No Connection |
| Terminal | “D” | No Connection |
| Terminal | “E” | +24V Power In |
| Terminal | “F” | 4-20mA Output |
| Terminal | “G” | No Connection |
| Terminal | “H” | 0V Power In |

System Connection

