

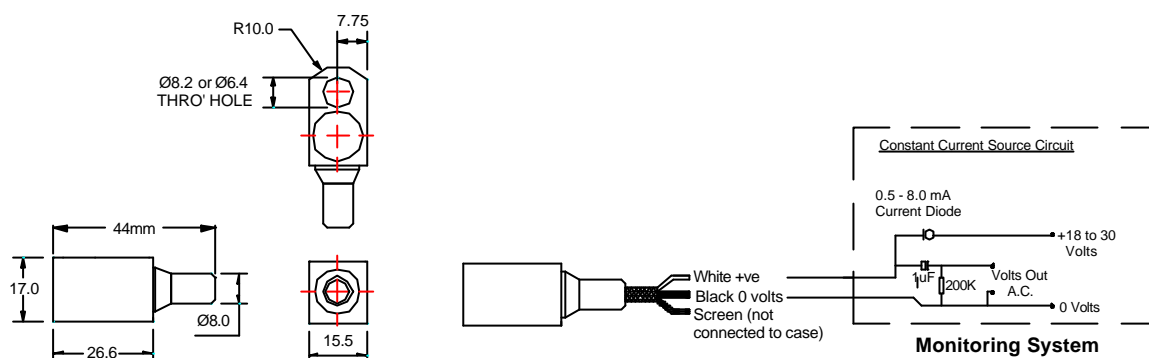


MTN/1830 Series

Low profile side entry industrial accelerometer

Applications

- Machine tools
- Paper machinery



Technical Specification

| | |
|------------------------|---|
| Sensitivity | 100 mV/g $\pm 10\%$ nominal at 80 Hz |
| Frequency Response | 2 Hz to 9 kHz $\pm 5\%$ (3 dB at 0.8 Hz) |
| Mounted Base | 18 kHz (nominal) |
| Isolation | Base isolated |
| Transverse Sensitivity | Less than 5% |
| Electrical Noise | 0.1 mg max |
| Current Range | 0.5 mA to 8 mA |
| Bias Voltage | 12 Volts DC (nominal) |
| Case Material | Stainless steel |
| Cable | Integral stainless steel overbraided PTFE |
| Standard Cable Length | 5 metres (others available) |
| Maximum Cable Length | 1000 metres |
| Mounting Torque | 8 Nm |
| Mounting Bolt Provided | M6 x 25 mm or M8 x 25mm. Please specify at point of order |
| Weight | 110 gms (nominal) |
| Sealing | IP67 |
| Temperature Range | -10 to +140 °C |