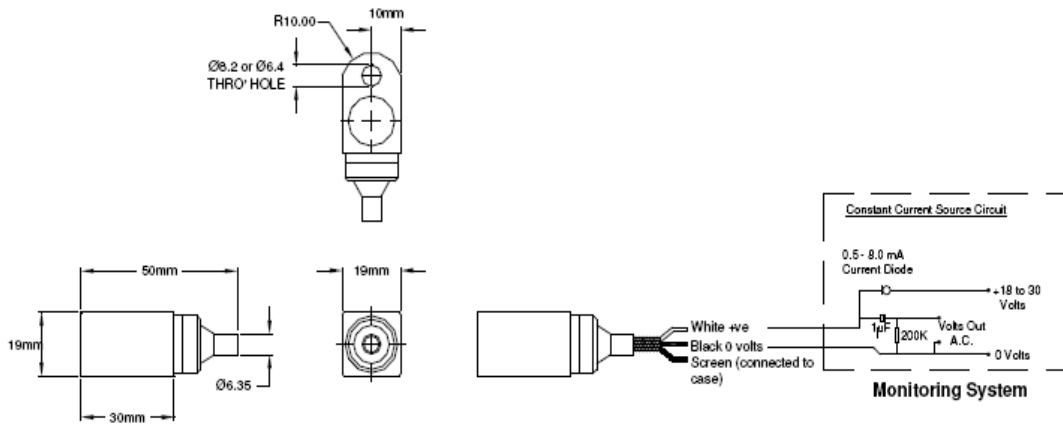


MTN/1830 Series

Low profile side entry industrial accelerometer

Applications

- Machine tools
- Paper machinery



Technical Specification

Standard 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 Resonance	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 ETFE
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	-25 to +125 °C
Shock Limit	500g

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