

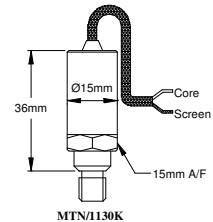
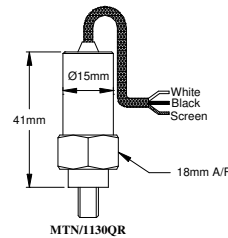
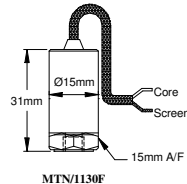


MTN/1130 Series

General purpose industrial accelerometer

Applications

- Paper machinery
- General industry
- Pumps, fans, etc.
- Air handling units
- Machine tools



Technical Specification

Standard Sensitivity	100 mV/g $\pm 10\%$ at 80 Hz
Frequency Response	2 Hz to 15 kHz $\pm 5\%$ (-3 dB at 0.8 Hz)
Mounted Base Resonance	22 kHz (nominal)
Isolation	Base isolated
Temperature Sensitivity	0.08 %/°C
Transverse Sensitivity	Less than 5%
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Temperature Range	-55 to 140 °C
Bias Voltage	12 Volts DC (nominal)
Case Material	Stainless steel
Cable	Integral stainless steel overbraided PTFE
Standard Cable Length	5 metres
Maximum Cable Length	1000 metres
Mounting Torque	8 Nm (for M8 and M6), 6Nm (for 10-32 UNF)
Weight	30 gms (nominal)
Sealing	IP67
Options	Cable length, various mounts, other sensitivities.

ORDER CODE PART No	MOUNTING
MTN/1130F MTN/1130K MTN/1130QR	10-32 UNF FEMALE M8 MALE CONICAL M6 MALE SWIVEL
FOR OTHER MOUNTINGS SEE OVER PAGE.	

Mounting Adapters and Studs

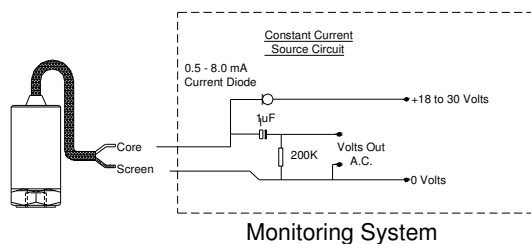
Studs and Grub Screws



1130 Male Studs		
Product Code	From	To
MS028	10 - 32 UNF	M8
MS039	10 - 32 UNF	1/4" - 28 UNF
MS065	10 - 32 UNF	M6

Grub Screws	
Product Code	Thread
MS024	10 - 32 UNF

System Connection



Note: Connection details for the MTN/1130QR with twin core cable vary from the above such that the core is replaced by white; screen replaced by black & the screen is then not connected.