

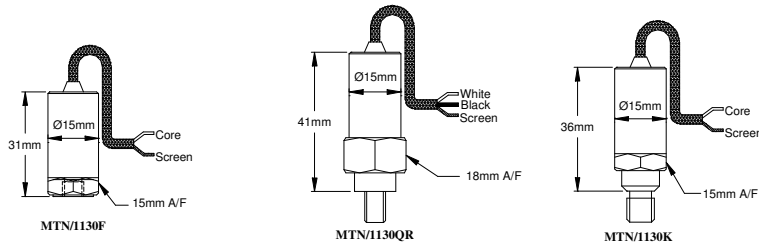


MTN/1130 Series

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	10-32 UNF FEMALE
MTN/1130K	M8 MALE CONICAL
MTN/1130QR	M6 MALE SWIVEL
FOR OTHER MOUNTINGS SEE OVER PAGE.	

Mounting Adapters and Studs

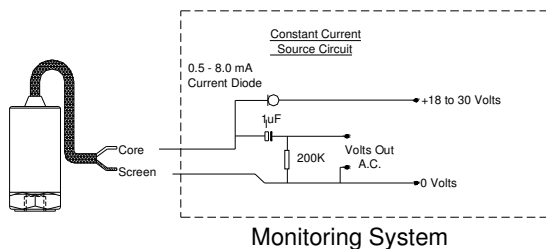
Studs and Grub Screws



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.