

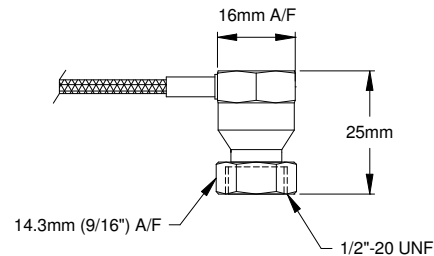


MTN/1135C Series

Low profile industrial accelerometer with quick nut base

Applications

- General industry
- Machine tools
- Spindles



Technical Specification

Standard Sensitivity	100 mV/g $\pm 10\%$ at 80 Hz
Frequency Response	0.8 Hz to 10 kHz $\pm 5\%$ (-3 dB at 0.5 Hz)
Mounted Base Resonance	22 kHz (nominal)
Isolation	Base isolated
Dynamic Range	± 50 g
Temperature Sensitivity	0.08 %/ $^{\circ}$ C
Transverse Sensitivity	Less than 5%
Electrical Noise	0.1 mg max
Current Range	0.5 mA to 8 mA
Temperature Range	-25 to 140 $^{\circ}$ C
Bias Voltage	12 Volts DC (nominal)
Case Material	Stainless steel
Cable	Integral stainless steel overbraided single core PTFE
Standard Cable Length	5 metres
Maximum Cable Length	1000 metres
Mounting Torque	8 Nm
Weight	30 gms (nominal)
Sealing	IP67
Options	Cable length, various mounts, other sensitivities (see table).

ORDER CODE PART No	MOUNTING	xx =OPTIONAL SENSITIVITY RANGE AVAILABLE (+/- 10%)
MTN/1135CQN-xx	1/2" - 20 UNF FEMALE	10 mV/g 30 mV/g 50 mV/g 500 mV/g
FOR OTHER MOUNTINGS SEE OVER PAGE.		

Mounting Adapters and Studs

Stud Adapters



Product Code	From	To
MS139	1/2" - 20 UNF	M6
MS140	1/2" - 20 UNF	Glue

OTHER METRIC ADAPTERS AVAILABLE ON REQUEST

System Connection

