

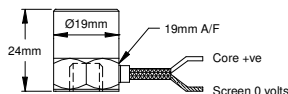


MTN/P50 Series

General purpose charge output accelerometer

Applications

- Research & development
- Instrumentation



Technical Specification

Charge Sensitivity	50 pC/g (nominal)
Capacitance	450 pf (nominal)
Transverse Sensitivity	Less than 5%
Mounted Base Resonance	18 kHz (nominal)
Frequency Range	1 Hz – 10 kHz (dependant on charge amplifier)
Temperature Range	-55 to 250 °C
Amplitude Linearity	±5%
Acceleration Range	±1000 g
Case Material	Stainless steel
Weight	35 gms (nominal)
Mounting	1/4" – 28 UNF female
Sealing	IP66
Torque	3 Nm
Charge Amplifier Required	MTN/CA003
Options	Radiation resistant, different sensitivities, inline charge amplifiers, other mountings.

Mounting Adapters and Studs

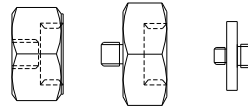
Studs and Grub Screws



Male Studs		
Product Code	From	To
MS039	1/4"-28 UNF	10-32 UNF

Grub Screws	
Product Code	Thread
MS068	1/4"-28 UNF

Other Adapters



Mounting Adapters				
Product Code	From		To	
MS011	1/4"-28 UNF	Male	Q/F	Female
MS013	1/4"-28 UNF	Male	Glue Base	
MS061	1/4"-28 UNF	Male	10-32 UNF	Male

Isolation Adapters



Isolation				
Product Code	From	Male /Female		Male /Female
MS048	1/4"-28 UNF	Male	1/4"-28 UNF	Male

System Connection

