

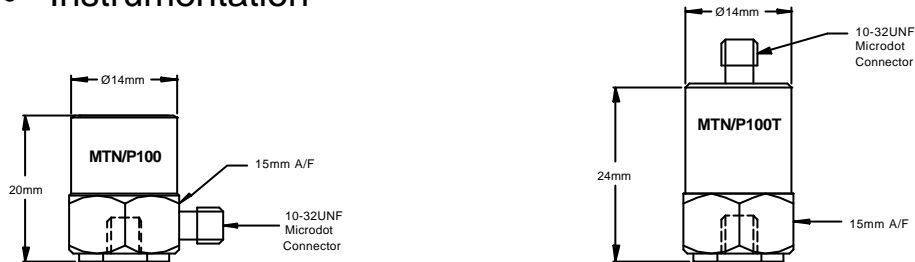


MTN/P100 Series

General purpose charge output accelerometer – no internal electronics

Applications

- Research & development
- Instrumentation

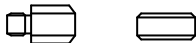


Technical Specification

Standard Charge Sensitivity	20 pC/g (nominal)
Capacitance	450 pF (nominal)
Transverse Sensitivity	Less than 5%
Mounted Base Resonance	30 kHz (nominal)
Temperature Range	-55 to 250 °C
Amplitude Linearity	±1%
Acceleration Range	±800 g
Case Material	Stainless steel
Connector	Microdot
Weight	30 gms (nominal)
Mounting	10 - 32 UNF female
Sealing	IP65
Torque	3 Nm
Charge Amplifier Required	MTN/CA003
Options	Integral cable, 10 or 30 pC/g sensitivities, M5 mounting

Mounting Adapters and Studs

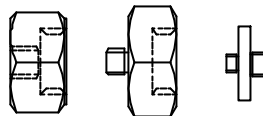
Studs and Grub Screws



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

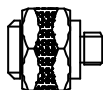
Grub Screws	
Product Code	Thread
MS024	10-32 UNF

Other Adapters



Mounting Adapters				
Product Code	From		To	
MS014	10-32 UNF	Male	Glue Base	Female
MS015	10-32 UNF	Male	Q/F	

Isolation Adapters



Isolation				
Product Code	From	Male /Female	To	Male /Female
MS062	10-32 UNF	Male	10-32 UNF	Male

System Connection

