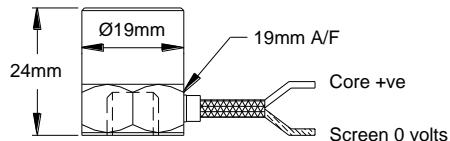


Charge-output side-entry accelerometer with non-armoured low noise PVC cable ideal for R&D and certain monitoring applications. This requires the use of a charge amplifier (for example, CA003).

## MTN/P50



## Dimensions



## Applications

- Research and development
- Instrumentation

## Technical

Charge Sensitivity	50 pC/g +/-10%
Capacitance	450 pF (nominal)
Transverse Sensitivity	Less than 5%
Frequency Range	1Hz to 10kHz (dependant on charge amplifier)
Temperature Range	-55 to 250°C
Mounted Base Resonance	18 kHz (nominal)
Amplitude Linearity	+/-5%
Acceleration Range	+/-1,000 g
Case Material	Stainless Steel
Weight	35 gms (nominal)
Mounting	1/4"-28 UNF female
Sealing	IP66
Torque	3 Nm
Charge amplifier	MTN/CA003

## Mounting Adaptors and Studs

### Male Studs

Part #	From	To
MS039	1/4"-28 UNF	10-32 UNF

Order Code Part No	Mounting
MTN/P50	1/4"-28 UNF Female
MTN/P05F	10-32 UNF Female

### Grub Screws

Part #	Thread
MS068	1/4"-28 UNF

### Isolation Adaptors

Part #	From	To
MS048	1/4"-28 UNF male	1/4"-28 UNF male

### Other Mounting Adaptors

Part #	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

## System Connection

