

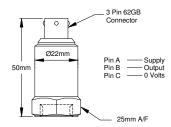


MTN/1109 Series

General purpose industrial accelerometer Cost effective equivalent to other commercially available products

Applications

- Data-collector
- Heavy industry
- Paper machinery



Technical Specification

Sensitivity 100 mV/g ±10% nominal at 80 Hz Frequency Response 2 Hz to 8 kHz ±10% (-3 dB at 0.8 Hz)

Mounted Base Resonance 18 kHz (nominal) Isolation Base isolated Transverse Sensitivity Less than 5% **Electrical Noise** 0.1 mg max

Supply Voltage -24 Volts DC

Bias Voltage -12 Volts DC nominal

-55°C to 140°C Temperature Range Case Material Stainless steel

Dynamic Range ±80g

Weight 110 gms (nominal)

Mounting Torque 8 Nm Sealing **IP67**

Mating Connector MTN/MH008

Connection Pin A = Supply Pin B = Output Pin C = Ground

Options Integral cable, various mounts

Order Code Part No	Mounting
MTN/1109	1/4" UNF Female
MTN/1109M	M10 x 8mm Male
MTN/1109M8	M8 x 8mm Male
MTN/1109MI	1/4" UNF x 6mm Male
MTN/1109Q	Quick fit Female
MTN/1109F8	M8 Female

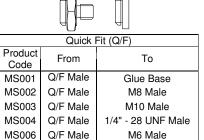
Mounting Adapters and Studs

Studs and Grub Screws



Male Studs		
Product Code	From	То
MS036	1/4" - 28 UNF	M6
MS039	1/4" - 28 UNF	10 - 32 UNF
MS067	1/4" - 28 UNF	M8
MS068	1/4" - 28 UNF	1/4" - 28 UNF
MS124	1/4" - 28 UNF	M10
MS132	1/4" - 28 UNF	M12

Quick Fit Adapters



Other Adapters





Mounting Adapters			
Product	From	То	
Code			
MS005	Q/F Male	1/4" - 28 UNF Female	
MS007	Q/F Male	10 - 32 UNF Female	
MS008	Q/F Male	M8 Female	
MS011	1/4" - 28 UNF Male	Q/F Female	
MS013	1/4" - 28 UNF Male	Glue Base	
MS033	1/4" - 28 UNF Male	Q/F Female	
MS038	Q/F Male	M8 Conical Male	
MS061	1/4" - 28 UNF Male	10 - 32 UNF Male	
MS079	1/4" - 28 UNF Male	Q/F Female	
MS106	Q/F Male	M10 Female	

Isolation		
Product Code	From	То
MS034	1/4" - 28 UNF Male	1/4" - 28 UNF Female
MS093	Q/F Male	M8 Male

System Connection

