

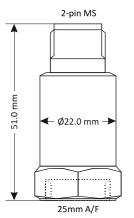
General purpose top-entry constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Sealed to IP67 and includes 2-pin C5015 military style connector. Available with a wide range of mountings.

Sealing

MTN/1100



Dimensions



Applications Data collection Heavy industry Paper machinery **Technical** Standard sensitivity 100mV/g ±10% nominal @ 80Hz 2Hz to 10kHz ±5% (-3dB @ 0.8Hz) **Frequency response** Mounted base resonance 18kHz (nominal) Isolation Base isolated Dynamic range ±80g Transverse sensitivity Less than 5% **Electrical noise** 0.1mg max Current range 0.5 to 8mA **Temperature range** -55 to 140°C **Bias voltage** 12V DC (nominal) Case material Stainless steel Mating connector MTN/MH002 Maximum cable length 1000m Mounting torque 8Nm Weight 110g (nominal)

IP67

Monitran Ltd | Monitor House | 33 Hazlemere Road | Penn | Bucks | UK | HP10 8AD Telephone +44 (0)1494 816569 | E-mail info@monitran.com | Website www.monitran.com





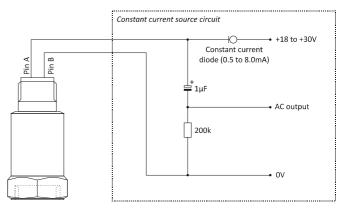
MTN/1100 Series

General purpose industrial accelerometer

From -28 UNF Male	То	Part #		
"-28 UNF Male		Part #		
			From	То
	M6 Male	MS005	Q/F Male	¼"-28 UNF Female
"-28 UNF Male	10-32 UNF Male	MS007	Q/F Male	10-32 UNF Female
"-28 UNF Male	M8 Male	MS008	Q/F Male	M8 Female
"-28 UNF Male	1/4"-28 UNF Male	MS011	1/4"-28 UNF Male	Q/F Female
"-28 UNF Male	M10 Male	MS013	1/4"-28 UNF Male	Glue base
"-28 UNF Male	M12 Male	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
Quick fit adapters		MS079	¼"-28 UNF Male	Q/F Female
		MS106	Q/F Male	M10 Female
From	То			
Q/F Male	Glue base	Isolation		
Q/F Male	M8 Male	Davit #	L Frame	т.
Q/F Male	M10 Male			
Q/F Male	1/4"-28 UNF Male			¼"-28 UNF Female
Q/F Male	M6 Male	MIS093	Q/F Male	M8 Male
		System conn	ection	
	'-28 UNF Male '-28 UNF Male	'-28 UNF Male M10 Male '-28 UNF Male M12 Male M12 Male M12 Male Image: Constraint of the state M10 Male Image: Constate	Image: Second system M10 Male MS013 Image: Second system M12 Male MS033 Image: Second system MS033 MS033 Image: Second system MS033 MS033 Image: Second system MS079 MS106 Image: Second system Image: Second system MS079 Image: Second system Image: Second system MS079 Image: Second system Image: Second system MS106 Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system Image: Second system	'-28 UNF MaleM10 MaleMS013¼"-28 UNF Male'-28 UNF MaleM12 MaleMS033¼"-28 UNF MaleMS038Q/F MaleMS061¼"-28 UNF MaleMS061¼"-28 UNF MaleMS079¼"-28 UNF MaleMS079¼"-28 UNF MaleMS106Q/F MaleMS106Q/F MaleGlue baseMS106Q/F MaleQ/F MaleM8 MaleMS034¼"-28 UNF MaleQ/F MaleM10 MaleMS034¼"-28 UNF MaleQ/F Male¼"-28 UNF MaleMS034¼"-28 UNF Male

- Temperature output
- Various connector assemblies
- Other sensitivities (see below)

Part #	Mounting	xx = Optional Sensitivity (mV/g)
MTN/1100-xx	¼"-28 UNF Female	10 30
MTN/1100Q-xx	Q/F Female	50 500 1000



ISO 9001 : 2008 Registered Company Size OFFT// IGATION UKAS UKAS

Monitran Ltd | Monitor House | 33 Hazlemere Road | Penn | Bucks | UK | HP10 8AD

Telephone +44 (0)1494 816569 | E-mail info@monitran.com | Website www.monitran.com