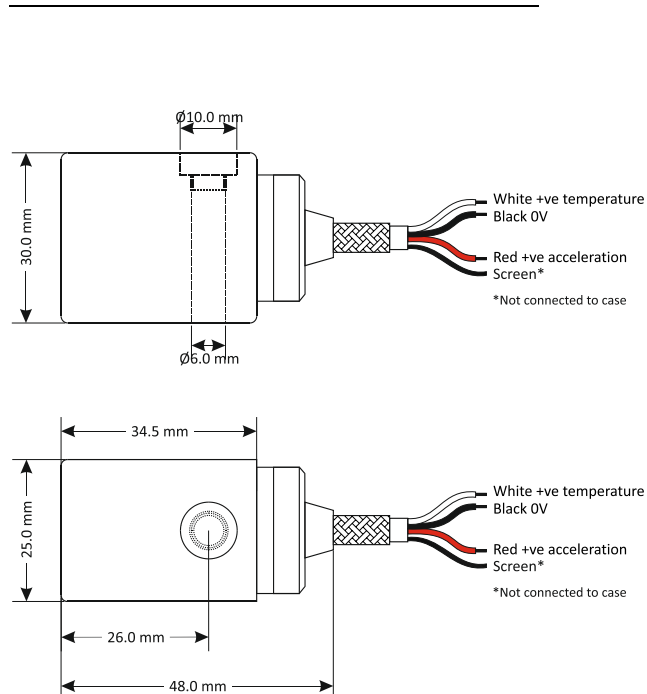


Dual purpose, side-entry, constant current accelerometer with isolated AC and temperature outputs. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Internal electronics are isolated to minimise noise with increased bias voltage stability. Sealed to IP67 and includes stainless steel overbraided ETFE cable and ¼"-28UNF, M6 or M8 mounting bolt.

MTN/2200STC



Dimensions



Applications

- Data collection
- General industry
- Paper machinery
- Pumps, fans, etc

Technical

Standard sensitivity	100mV/g $\pm 10\%$ nominal @ 80Hz
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Temperature output sensitivity	10mV/°C (range 2 to 100°C)
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Frequency response	2Hz to 10kHz $\pm 5\%$ (-3dB @ 0.8Hz)
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Mounted base resonance	18kHz (nominal)
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Isolation	Base isolated
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Dynamic range	$\pm 80g$
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Transverse sensitivity	Less than 5%
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Electrical noise	0.3mg max
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Current range	0.5 to 8mA
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Operating temperature	-55 to 140°C
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Bias voltage	12V DC (nominal)
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Case material	Stainless steel
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Cable	Integral stainless steel overbraided ETFE
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Standard cable length	5m
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Maximum cable length	100m
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Mounting torque	8Nm
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Weight	170g (nominal)
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Sealing	IP67
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Options

- Other sensitivities (see below)

Part #	Mounting	xx = Optional sensitivity (±10%)
MTN/2200STC-xx	¼"-28 UNF x 33mm	10
MTN/2200STCM6-xx	M6 x 35mm	25
MTN/2200STCM8-xx	M8 x 28mm	30
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System connection

