

MTN/2200S-4P Series

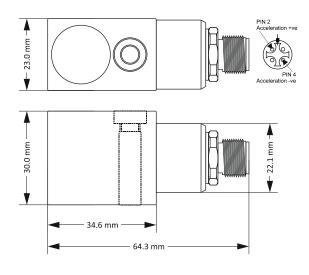
Low profile industrial accelerometer for restricted access installations

General purpose, side-entry constant current accelerometer with isolated AC output. 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 4-pin M12 connector and ¼"-28 UNF, M6 or M8 mounting bolt.

MTN/2200S-4P



Dimensions



Applications

- •General or heavy industry
- Data collection
- Paper machinery
- Pumps, fans etc
- Air handling units
- •Machine tools

Technical

Standard sensitivity	100mV/g ±10% nominal @ 80Hz
Frequency response	2Hz to 10kHz ±5% (-3dB @ 0.8Hz)
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	100m
Mounting torque	8Nm
Weight	170g (nominal)
Sealing	IP67

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We reserve the right to alter specifications without prior notice.



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Options

System connection

sensitivity

(±10%)

10

25

30

50

Cable assemblies •

Part #

MTN/2200S-4P-xx

MTN/2200SM6-4P-xx

MTN/2200SM8-4P-xx

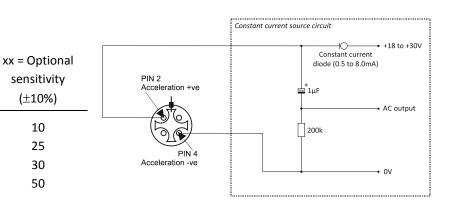
Mounting bolts (see below) •

Mounting

¼"-28 UNF x 33mm

M6 x 35mm

M8 x 28mm



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