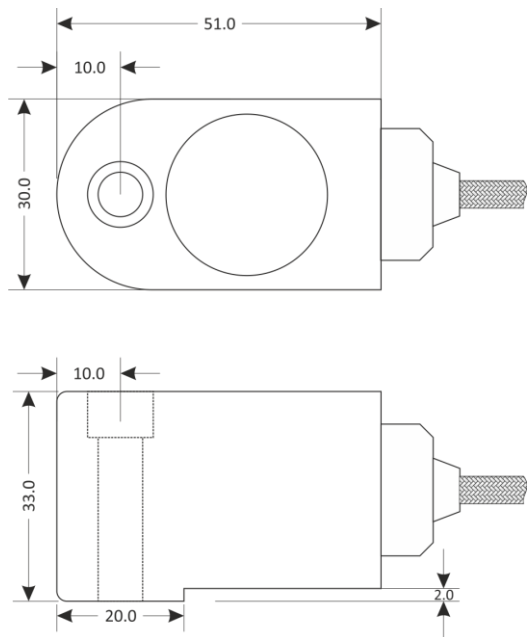


General purpose, side-entry velocity transducer with DC and temperature outputs. Made from robust stainless steel throughout for continuous vibration monitoring in harsh environments. Internal electronics are enclosed in a Faraday cage and isolated to minimise noise. Sealed to IP65 with industry standard 4-20mA output proportional to sensor and temperature range that can connect directly to PLC, DCS and other industrial controllers. Includes stainless steel overbraided ETFE cable and ¼"-28UNF, M6 or M8 mounting bolt.

## MTN/2285STC



## Dimensions



## Applications

- Pumps, fans and compressors
- Building services
- Paper industry

## Technical

Output current	4-20mA DC proportional to rms velocity (mm/s)
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Temperature output	10mV/°C
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Supply voltage range	12-32V DC (4-20mA)
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Frequency response	2Hz to 800Hz ±10%
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Mounted base resonance	5kHz (nominal)
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Isolation	Electronics in Faraday cage, isolated from body
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Dynamic range	50g peak
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Transverse sensitivity	Less than 5%
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Operating temperature	-25 to 90°C
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Temperature sensitivity	0.08%/°C
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Case material	Stainless steel
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Cable	Integral stainless steel overbraided ETFE - length to be specified at point of order
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Standard cable length	5m
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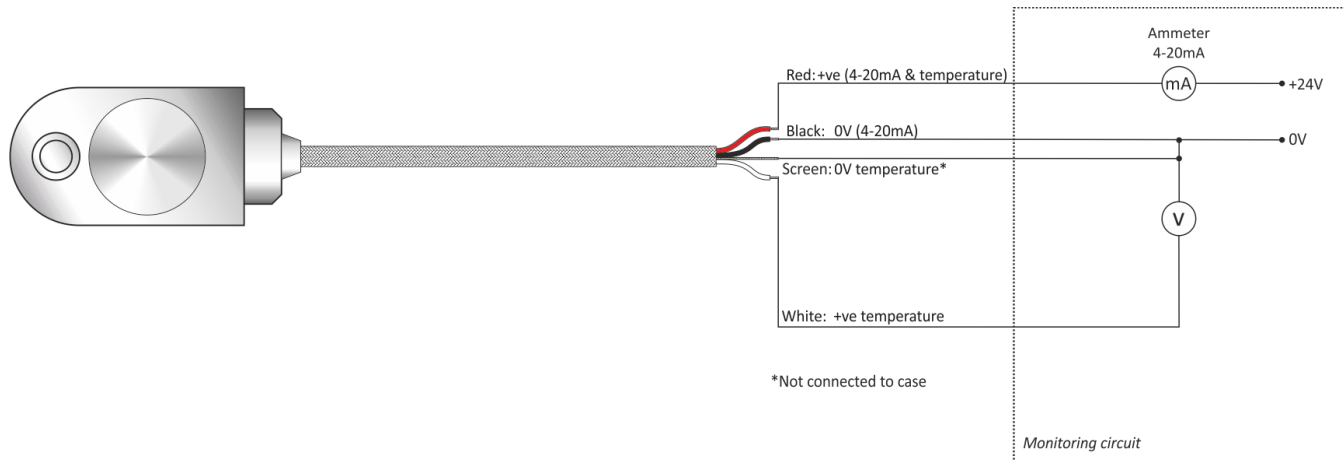
Maximum cable length	100m
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Mounting torque	8Nm
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Weight	440g (nominal)
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Sealing	IP65
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## System connection



## Options

- Filters
- Mounting threads
- Mating connectors and cable assemblies
- Other velocities (see below)

Part #	Mounting	xx = Optional velocity (mm/s rms)
MTN/2285STC-xx	¼" UNF Female	0-10
		0-20
MTN/2285STC-xx	M6 x 35mm	0-25
		0-50
MTN/2285STC-xx	M8 x 28mm	0-100