

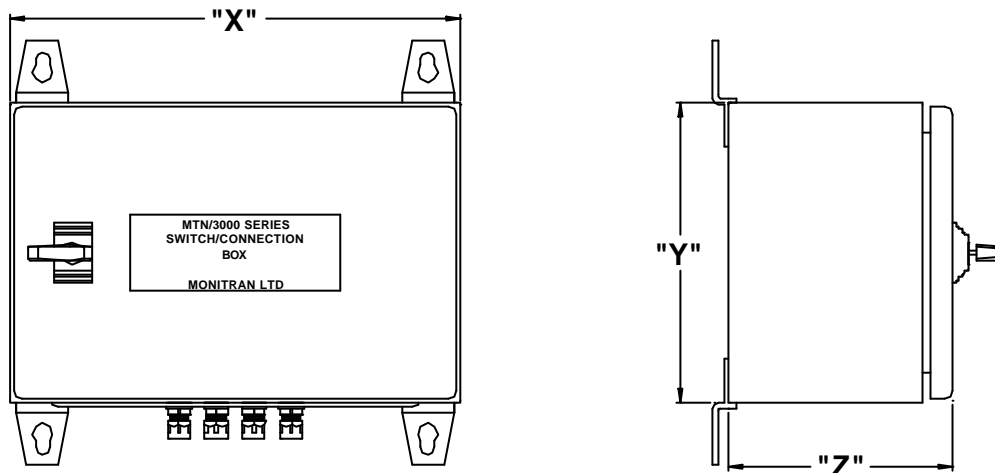


MTN/3000 Series

Manual switching units

- Require no power
- Input data-collector
- IP65 rated
- Multi-point
- Mimic panel

The MTN/3000 series manual switching units have been designed to enable inaccessible points to be monitored and hard wired back to a safe position.



Drawing shows painted mild steel enclosure

The manual switching units require no external power; they make use of the constant current supply available in the portable data-collector. They are supplied in the IP65 construction for harsh environments. All accelerometer cables are glanded into the box, terminations are made off into screw terminals. The units can also be supplied with various electronic signal-conditioning options including circuitry for the MTN/1100T dual vibration and temperature sensor.

<u>DIMENSIONS</u>	ALL DIMENSIONS IN mm		
No. of Channels	'X'	'Y'	'Z'
Up to 12 ways	200	200	150
13 to 24 ways	300	200	150
25 to 64 ways	400	300	250

Technical Specification

Input	Constant current accelerometer via glands/connectors as required.
Output	Selected channel accessible from front panel via BNC/TNC/MS type connector as required.
Terminations	Accelerometer cabling is terminated in din rail mounted terminals.
Channel Selector	Channel selection is achieved with a rotary switch/switches housed on the front panel. Channel numbers are marked out on identification panel.
Cable Glands	Up to 12 channels supplied with single cable glands unless specified at time of order Over 12 channels supplied with glands capable of taking up to 5 x Ø4.2mm O/D standard accelerometer cables unless specified at time of order For stainless steel boxes suitable glands are supplied, but not fitted
Mimic Panel	The facility exists to provide an identity label for plant locations if required.
Housing	Painted steel OR high quality stainless steel enclosure sealed to IP65, with hinged door, lock and wall mounting brackets.
Options	Various signal conditioning options including higher number of channels, 4-20mA outputs (for 1186), which require separate mains inputs, milliamp display, accel/temp output.

Ordering Information

For Accel/Temp output (MTN/1100T etc)

No. of Channels	Order Code	FOR STAINLESS STEEL CASE ADD -SS AFTER CODE.
2	MTN/3002	
4	MTN/3004	
8	MTN/3008	
12	MTN/3012	
24	MTN/3024	
32	MTN/3032	
64	MTN/3064	
ABOVE ARE STANDARD CONFIGURATIONS, OTHERS ARE AVAILABLE ON REQUEST.		

No. of Channels	Order Code	FOR STAINLESS STEEL CASE ADD -SS AFTER CODE.
2	MTN/3002D	
4	MTN/3004D	
8	MTN/3008D	
12	MTN/3012D	
24	MTN/3024D	
32	MTN/3032D	
64	MTN/3064D	
ABOVE ARE STANDARD CONFIGURATIONS, OTHERS ARE AVAILABLE ON REQUEST.		

Contact Sales Office for details on dual output switchboxes (for 1186's).