

The MTN/5032 features a 7.0 inch TFT touchscreen with an easy-to-navigate menu that enables users to set data sampling periods, alarm threshold levels and delay times on a channel-by-channel basis or across all channels. The system will accept voltage or 4-20mA inputs and can be used to simultaneously monitor velocity, envelope G and temperature. AC outputs are available via door-mounted BNCs for easy analysis and Modbus TCP/IP output for remote monitoring.

## MTN/5032



## Applications

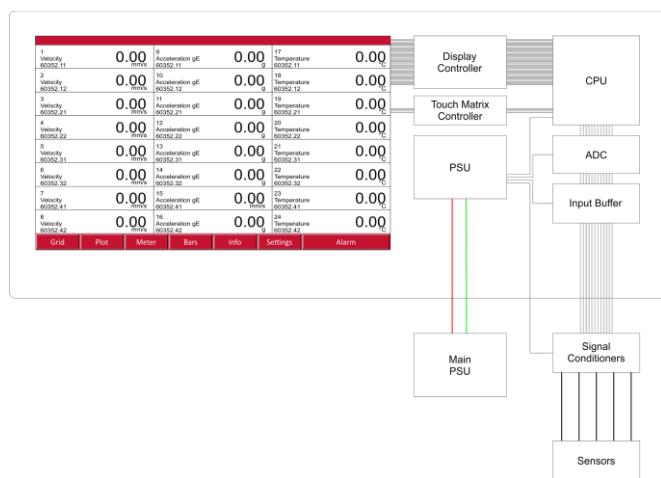
Vibration and temperature monitoring and logging

### Technical

Sensors	32
Analogue input channels	96
Sampling resolution	12 bit
Sampling speed	Up to 250KHz
Input range	Dependent on sensor
Screen	7.0" (178mm) TFT Touchscreen 800 x 480 x 24 bit colour
Sample buffer	96 x 100 samples
Operating voltage	100-240VAC
Alarms	96 (user-configurable alarm level and alarm delay).
Enclosure	Stainless steel
Dimensions (enclosure only):	600 x 400 x 210 mm



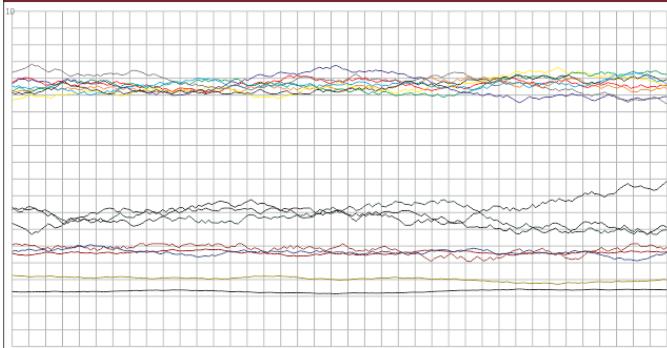
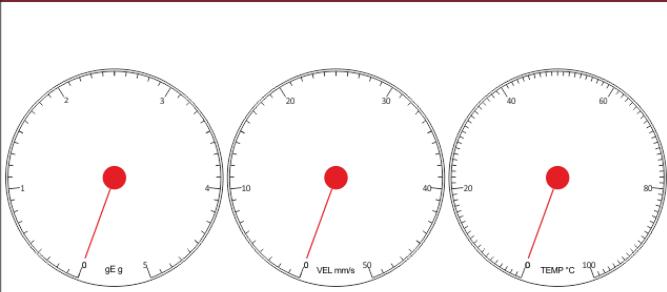
### System diagram



## Screenshots

Grid screen								Alarm setting screen							
1 Velocity 60352.11	0.00 mm/s	9 Acceleration gE 60352.11	0.00 g	17 Temperature 60352.11	0.00 °C	1: Velocity 60352.11 [0-3VDC = 0-25mm/s]	10.00 mm/s	Current:	2.90 mm/s						
2 Velocity 60352.12	0.00 mm/s	10 Acceleration gE 60352.12	0.00 g	18 Temperature 60352.12	0.00 °C	Threshold:	60.0 Sec	Minimum:	2.80 mm/s						
3 Velocity 60352.21	0.00 mm/s	11 Acceleration gE 60352.21	0.00 g	19 Temperature 60352.21	0.00 °C	Delay:	1	Maximum:	3.00 mm/s						
4 Velocity 60352.22	0.00 mm/s	12 Acceleration gE 60352.22	0.00 g	20 Temperature 60352.22	0.00 °C	Output:	5 Samples	Places:	1						
5 Velocity 60352.31	0.00 mm/s	13 Acceleration gE 60352.31	0.00 g	21 Temperature 60352.31	0.00 °C	Buffer:	Prev	Next							
6 Velocity 60352.32	0.00 mm/s	14 Acceleration gE 60352.32	0.00 g	22 Temperature 60352.32	0.00 °C	Grid	Plot	Meter	Bars	Info	Settings	Alarm	Page		
7 Velocity 60352.41	0.00 mm/s	15 Acceleration gE 60352.41	0.00 g	23 Temperature 60352.41	0.00 °C										
8 Velocity 60352.42	0.00 mm/s	16 Acceleration gE 60352.42	0.00 g	24 Temperature 60352.42	0.00 °C										
<a href="#">Grid</a> <a href="#">Plot</a> <a href="#">Meter</a> <a href="#">Bars</a> <a href="#">Info</a> <a href="#">Settings</a> <a href="#">Alarm</a> <a href="#">Page</a>								<a href="#">Grid</a> <a href="#">Plot</a> <a href="#">Meter</a> <a href="#">Bars</a> <a href="#">Info</a> <a href="#">Settings</a> <a href="#">Alarm</a> <a href="#">Page</a>							

Plot screen								Meter screen							
															
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Bar screen								Information screen																																	
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