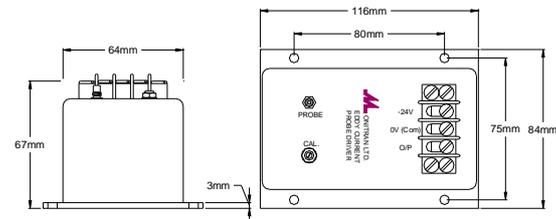
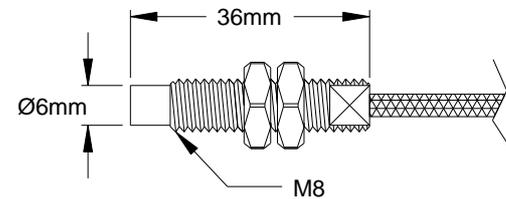


### Applications

- Pump Monitors
- Turbines
- DC Gap Machine tool
- Gauges

### MTN/EP080

### Dimensions



### Technical

Power Supply	-24VDC @ 30mA
Sensitivity	8mV/μm nominal
Output Impedance	<50 Ohms
Linear Range	0 – 2mm
Linearity	1% nominal
Frequency Range	DC to 10 kHz
Operating Temperature	Probe: -30°C to 180°C / Driver: -20°C to 80°C
Temperature Sensitivity	Probe: Less than 5% at 150°C Driver: Less than 5% at 80°C
Tip Material	Peek
Case Material	Stainless steel
Cable	RG179 PTFE insulated
Maximum Cable Length	9 metres
Extension Cable	MTN/EX00? (Length to be specified)
Calibration Material	Steel grade AISI 4140

[www.guemisa.com](http://www.guemisa.com)



NIF: B-87969416

**SENSORES E INSTRUMENTACION GUEMISA S.L.**

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ISO 9001  
 Registered Company

**sira**  
 CERTIFICATION

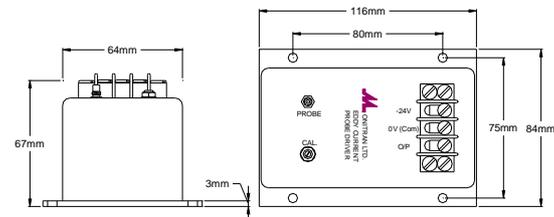
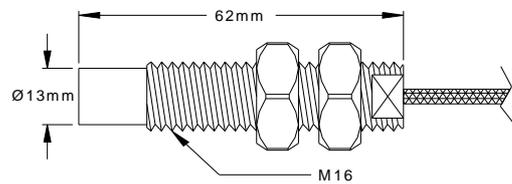
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 011

### Applications

- Pump Monitors
- Turbines
- Gauges

### MTN/EP200

### Dimensions



### Technical

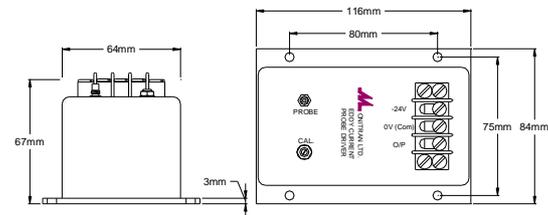
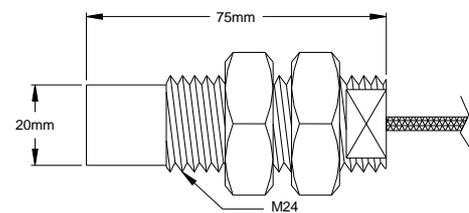
Power Supply	-24VDC @ 30mA
Sensitivity	3.6mV/μm nominal
Output Impedance	<50 Ohms
Linear Range	0 – 5mm
Linearity	1% nominal
Frequency Range	DC to 10 kHz
Operating Temperature	Probe: -30°C to 180°C / Driver: -20°C to 80°C
Temperature Sensitivity	Probe: Less than 5% at 150°C Driver: Less than 5% at 80°C
Tip Material	Peek
Case Material	Stainless steel
Cable	RG179 PTFE insulated
Maximum Cable Length	9 metres
Extension Cable	MTN/EX00? (Length to be specified)
Calibration Material	Steel grade AISI 4140

### Applications

- Pump Monitors
- Turbines
- Gauges

### MTN/EP340

### Dimensions



### Technical

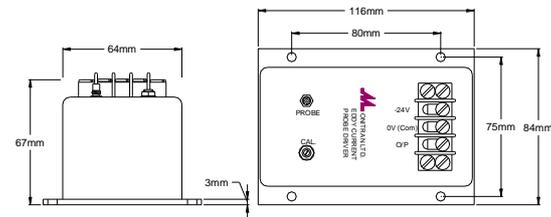
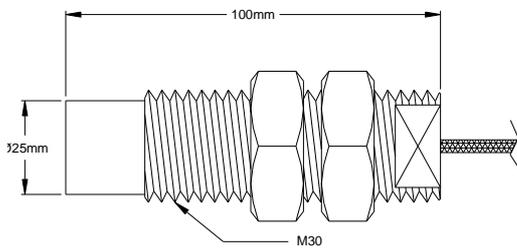
Power Supply	-24VDC @ 30mA
Sensitivity	2mV/μm nominal
Output Impedance	<50 Ohms
Linear Range	0 – 8.5mm
Linearity	1% nominal
Frequency Range	DC to 10 kHz
Operating Temperature	Probe: -30°C to 180°C / Driver: -20°C to 80°C
Temperature Sensitivity	Probe: Less than 5% at 150°C Driver: Less than 5% at 80°C
Tip Material	Peek
Case Material	Stainless steel
Cable	RG179 PTFE insulated
Maximum Cable Length	9 metres
Extension Cable	MTN/EX00? (Length to be specified)
Calibration Material	Steel grade AISI 4140

### Applications

- Plain metal bearing monitors
- Turbines & pump monitors
- Gauges

### MTN/EP480

### Dimensions



### Technical

Power Supply	-24VDC @ 30mA
Sensitivity	1.4mV/μm nominal
Output Impedance	<50 Ohms
Linear Range	0 – 12mm
Linearity	1% nominal
Frequency Range	DC to 10 kHz
Operating Temperature	Probe: -30°C to 180°C / Driver: -20°C to 80°C
Temperature Sensitivity	Probe: Less than 5% at 150°C Driver: Less than 5% at 80°C
Tip Material	Peek
Case Material	Stainless steel
Cable	RG179 PTFE insulated
Maximum Cable Length	9 metres
Extension Cable	MTN/EX00? (Length to be specified)
Calibration Material	Steel grade AISI 4140

The MTN/ECPD/60 unit together with the MTN/EP series Eddy current Probe is a three wire, non-contact measurement system designed to monitor radial vibration of a rotating shaft. The driver is powered from a 24V dc supply and provides a 4-20mA signal Proportional to the amplitude of the vibration. The system is calibrated in house using a flat, low carbon steel grade SAE4140 target To give a linear output.

### Applications

- Building Services
- Pumps
- Turbines
- Direct PLC Interface

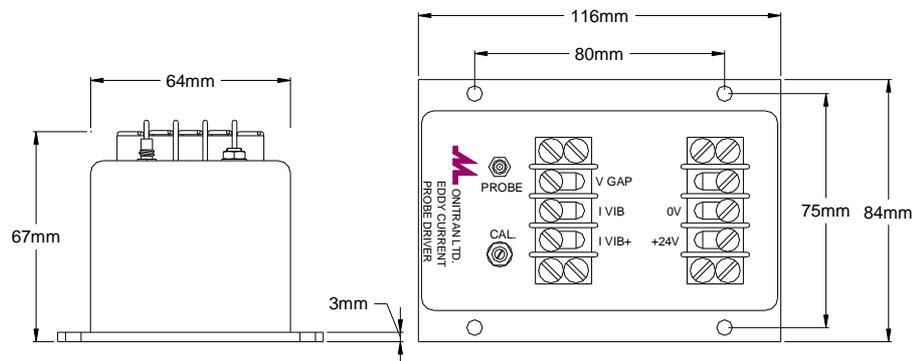
### MTN/ECPD/60



### Technical Specification

Measurement Range	Using MTN/EP080 0 to 125 $\mu$ m peak to peak
Power Supply	+24V @ 80 mA max
Voltage Output	(dependent upon probe) MTN/EP080 – 8 Volts/mm MTN/EP200 – 3.6Volts/mm MTN/EP340 – 2.0 Volts/mm MTN/EP480 – 1.5Volts/mm
Max. Loop Resistance	Rmax =800 $\Omega$
Linearity	$\pm$ 1% of full scale
Frequency Range	AC Vibration (5Hz – 1kHz)
Operating Temperature	-20°C to 80°C
Connectors	Probe – SMC miniature coaxial connector Power/outputs – M4 screw terminals
Weight	450g

### Dimensions



### System Connection

