

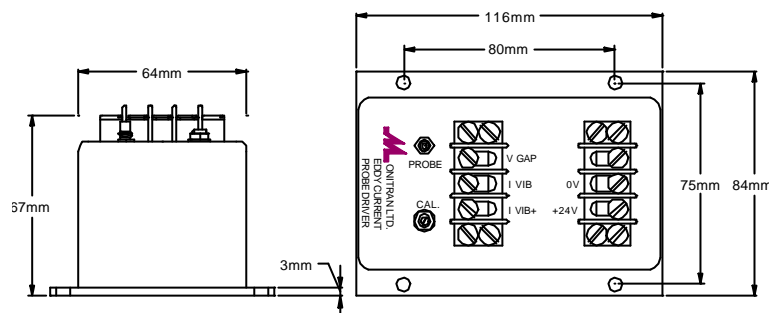


ECPD/60 & ECPD/ 85

4-20 mA eddy current probe driver

Applications

- Building services
- Pumps
- Turbines
- Direct PLC interface



Technical Specification

Range	0-25 mm (dependant upon probe)
Power Supply	+24 V @ 80 mA max.
Current Output	4-20 mA proportional to probe gap (MTN/ECPD/85) OR proportional to AC vibration (MTN/ECPD/60). Range to be specified. Minimum range 0-100 μ m pk-pk.
Voltage Output	0 to +16 Volts DC. (can be specified) proportional to probe gap +AC vibration superimposed (both types)
Output Impedance	<50 Ohms
Linearity	1%
Frequency Range	DC gap DC – 5 kHz AC vibration 5Hz – 5 kHz
Operating Temperature	-20 °C to +80 °C
Connectors	Probe – SMC miniature coaxial connector Power/outputs – M4 screw terminals
Weight	450 g

Requires Eddy Current Probe: EP080, EP200, EP340 or EP480