

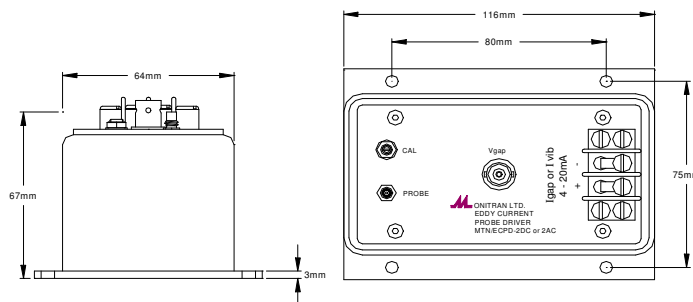


MTN/ECPD-2 Series

Industrial Eddy Current probe Driver – 2 wire 4-20mA for direct PLC interface

Application

- Centrifuges
- Pumps
- Turbines



Technical Specification

Measurement Range	125 μ m peak-to-peak – MTN/ECPD-2AC (Others available) Or gap dependent on probe range – to be specified
Current Output	4-20mA two-wire loop-powered via screw terminals, set to equal measurement range
Power Supply	24VDC \pm 4V
Voltage Output Sensitivity	MTN/ECPD-2AC – 8 Volts/mm MTN/ECPD-2DC – 6 Volts/mm
Voltage Output Connector	BNC
Max. Loop Resistance	250 Ohm
Linearity	1% Nominal
Frequency Range	AC Vibration 5 Hz – 1 kHz
Probe OK Function	MTN/ECPD-2AC short circuit= \leq 3.6mA Open circuit=3.6mA MTN/ECPD-2DC short circuit= \leq 3.6mA Open circuit=22mA
Operating Temperature	-20 $^{\circ}$ C to +80 $^{\circ}$ C
Connectors	Probe – SMC miniature coaxial connector Power/Outputs – M4 Screw Terminals
Weight	450g
Options	Other probes can be matched with this driver –see individual data sheets ie EP080, EP200 and EP340 for relevant probe details