

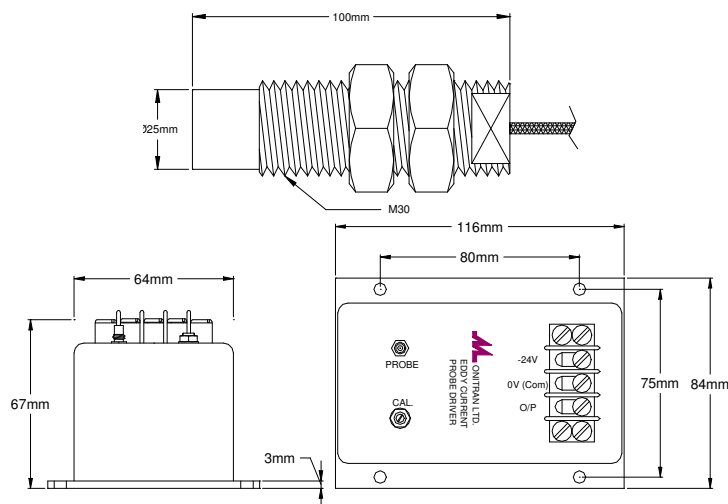


## MTN/EP480

Industrial eddy current probe

### Applications

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



## Technical Specification

|                         |  |
|-------------------------|--|
| Power Supply            | -24 VDC @ 30mA   |
| Sensitivity             | 1.4 mV/ $\mu$ m nominal  |
| Output Impedance        | <50 Ohms   |
| Linear Range            | 0 to 12mm  |
| Linearity               | 1% nominal   |
| Frequency Range         | DC to 10 kHz   |
| Operating Temperature   | Probe: -30 °C to +180 °C<br>Driver: -20 °C to +80 °C             |
| Temperature Sensitivity | Probe: less than 5% at 150 °C<br>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/EXTOECP (length to be specified)                             |
| Calibration Material    | Steel grade AISI 4140  |
| Options                 | 4-20 mA, other ranges, submersible, custom design, cable length. |

### Supplied with Eddy Current Probe Driver MTN/ECPD