

*Autocalibrating, Fixed Point,  
Capacitance Level Sensor*  
**DIGIMATIC - DML2**

An automatic calibration level control for use in liquids, solids and powders.

The Digimatic incorporates a micro-processor which automatically calibrates the unit to suit both the vessel and range of material in which it is used. The unit can also be calibrated manually if desired.

Automatic calibration is carried out simply by pressing one button with the probe uncovered and a second when covered. The unit can be recalibrated as required. In the manual mode, the same buttons are used to raise or lower the sensitivity.

A removable calibration link is fitted to prevent accidental or unauthorised recalibration.

The Digimatic incorporates a "power shield" to overcome the effects of sticky or viscous materials adhering to the probe allowing it to respond only to a genuine covered condition.

A range of probe rods are available in solid stainless steel or wire rope in lengths up to 10 metres

The Digimatic is suitable for both top or side entry and operation is from 24V DC or 110/230V AC supplies.

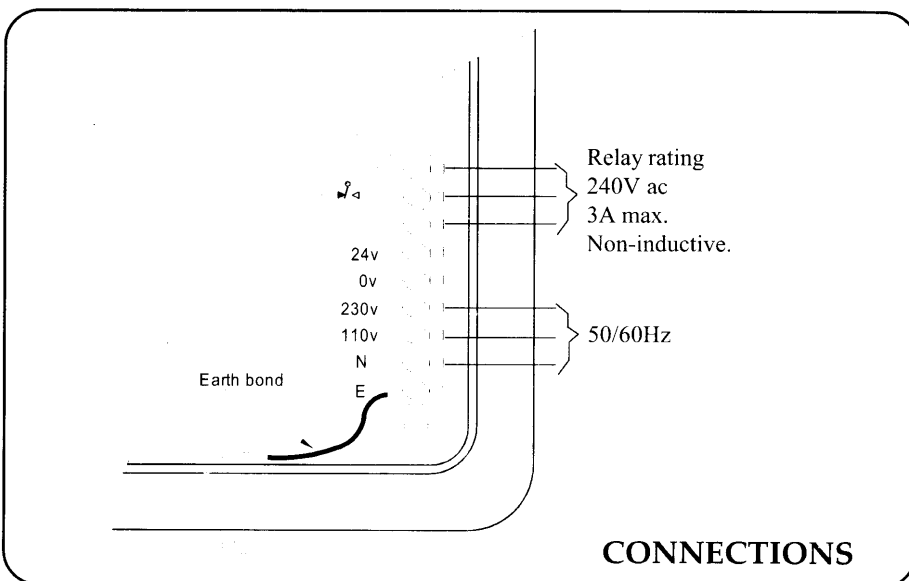
- \* *Automatic or manual calibration*
- \* *Removable calibration link prevents unauthorised adjustment*
- \* *Adjustable time delay*
- \* *Operation from ac and dc supplies*
- \* *"Power shield" material build up compensation*

# SPECIFICATION

<b>DIGIMATIC DML2</b>													
<b>SUPPLY</b>	115/230 volts AC 50/60Hz or 24 volts DC.												
<b>SUPPLY TOLERANCE</b>	-15%+10%.												
<b>AMBIENT TEMPERATURE</b>	-15°C+50°C.												
<b>SENSITIVITY</b>	0.5 picofarad.												
<b>OUTPUT</b>	1 set of volt free relay change-over contacts rated at 3 A 240 V ac non-inductive.												
<b>FAIL-to-SAFE</b>	High or low level mode, selected by a switch.												
<b>CALIBRATION</b>	Automatic or manual calibration using independent push buttons for covered and uncovered conditions.												
<b>CALIBRATE LOCK</b>	A removable calibrate link prevents accidental or unauthorised adjustment.												
<b>TIME DELAY</b>	Adjustable via single pushbutton, 0-120 seconds delay on material arriving and leaving.												
<b>INDICATORS</b>	LEDs show power, probe covered and calibrating.												
<b>BUILD -UP</b>	Power shield automatic compensation for material build-up on the probe.												
<b>LOAD</b>	1.5VA.												
<b>CABLE ENTRY</b>	Two 20mm conduit entries (one undrilled - may be drilled out if required).												
<b>CONNECTIONS</b>	Screw terminal block.												
<b>PROBE</b>	Stainless steel. In 320mm, 1m, 2m rod or 10m wire rope.												
<b>ENCLOSURE</b>	Flame retardant, glass filled nylon enclosure.												
<b>PROTECTION</b>	IP65.												
<b>FUSING</b>	Supply should be fused at 5A maximum.												
<b>WEIGHT</b>	<table style="display: inline-table; border: none;"> <tr> <td>DML1 2Kg</td> <td>30cm rod</td> <td>250g</td> </tr> <tr> <td></td> <td>1 metre rod</td> <td>1.5Kg</td> </tr> <tr> <td></td> <td>2 metre rod</td> <td>3Kg</td> </tr> <tr> <td></td> <td>10 metre wire rope</td> <td>1.25Kg</td> </tr> </table>	DML1 2Kg	30cm rod	250g		1 metre rod	1.5Kg		2 metre rod	3Kg		10 metre wire rope	1.25Kg
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### HOW TO ORDER:-

1. Order Digimatic DML2
2. Order probe required (see chart)



Probe Description	Order Code
320mm Stainless Steel Rod	822-005
1 metre Stainless Steel Rod	822-003
2 metre Stainless Steel Rod	822-004
10 metre Stainless Steel Wire Rope	823-004