Digital Panel Meter
DPM1 Series

Features
• 48 x 24mm 1/32 DIN
• 6 digit red LED display
• Temperature, °C or °F
• Total configuration lock out

Installation
Panel mounting surface

To install the instrument, prepare a 45mm x 22mm panel cut-out and slide the unit towards making sure to place the sealing gasket between the front side panel and the front bezel.

While holding the unit in place, put the fixing clip around the case and slide it until it reaches the panel at the rear side. Press slightly to fasten the clip to the latching slots on the case and slide it until it reaches the panel at the rear side.

WARNING: Electric shock danger
1. Keep away from high-voltage and high-frequency environment during the installation to prevent interference. Avoid using the device in environments which contain: (a) dust or corrosive gas; (b) high humidity or high radiation; (c) shock or vibration
2. Make sure the input power is switched off when installing or uninstalling the DPM1 to prevent harm to personnel or equipment.
3. Before switching on the input power, check the signal connection, e.g. the input voltage and polarity. Voltage that is too high may cause damage to the DPM1.
4. Front cover should be cleaned only with a soft cloth soaked in neutral soap product. DO NOT USE SOLVENTS.

Wiring Terminals

<table>
<thead>
<tr>
<th>Connector</th>
<th>CN1</th>
<th>CN2</th>
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CN1 and CN2 Terminals

Insertion Tool (included with meter)
Insert wires into the proper terminal while using the insertion tool to open the clip inside the connector. Replace the insertion tool to the wire to the terminal.

This instrument conforms with the following community directives: EMC 2004/108/CE and LVD 2006/95/CE. Refer to the instructions in this insert to preserve safety protections.

WARNING: If this instrument is not installed and used in accordance with these instructions, the protection provided by it against hazards may be impaired. To meet the requirements of EN 61010-1 standard, where the unit is permanently connected to main supply, it is obligatory to install a circuit breaking device that is easily reachable by the operator and clearly marked as the disconnecting device.

To guarantee electromagnetic compatibility, the following guidelines should followed:
• Power supply wires should be separately routed from signal wires and never run in the same conduct
• Use shielded cable for signal wiring
• Cable cross-section must be 0.25mm²

Before connecting signal wires, signal type and input range should be verified to be within the proper limits. Do not connect more than one input signal to the meter simultaneously.

Dimensions and Mounting

To install the instrument, prepare a 45mm x 22mm panel cut-out and slide the unit towards making sure to place the sealing gasket between the front side panel and the front bezel.

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