The ProSense DPM3-P series offers a simple, feature packed digital display for counter, chronometer, frequency, tachometer, rate, and pulse width modulated (PWM) applications. The DPM3-P has a 5-digit, 14mm character height, tri-color red, green or amber LED, accepts input from AC voltage, magnetic sensors, NPN/PNP sensors, NAMUR sensors, TTL/24V encoders, or switched contacts, and provides selectable sensor excitation voltages. Models are available with two SPDT relay outputs that can be set to activate on an increasing or decreasing input signal with hysteresis or time delay operation in tachometer, rate, and frequency modes as well as pulsed or latched operation in counter and chronometer modes. Additionally the display color can be set to change on relay operation. Models are also available with a 4-20mA analog output. The meter is powered from an external AC or DC power supply. The 1/8 DIN housing is easy to install in a panel and the meter face has an IP65 rating. Configuration parameters can be totally or selectively locked out to prevent unauthorized or accidental changes to the meter’s operation. Other features include memory and reset of minimum (valley) and maximum (peak) display values, start/stop in chronometer mode or stop in counter mode, and display brightness adjustment. ProSense digital panel meters are backed by a 3 year warranty.

Features:

- 96 x 48mm 1/8 DIN
- 5 digit (-99999 to 99999) tri-color (red, green, amber) LED display
- Selectable decimal point
- Counter/Chronometer/Frequency/Tachometer (RPM/Rate/PWM) modes
  - AC voltage
  - Magnetic sensor
  - NAMUR sensor
  - NPN/PNP sensor
  - TTL/24V encoder
  - Switched contact
- AC or DC powered
- Selectable sensor excitation voltage
- Optional 4-20mA analog output
- Optional (2) Form C SPDT
  - Activation on increasing or decreasing input signal
  - Hysteresis or time delay operation (frequency and tach modes)
- Pulsed or latch operation (counter and chronometer modes)
- Display color change on relay operation
- Total or selective configuration lock out
- Programmable functions include:
  - Minimum (valley) and maximum (peak) value memory
  - Minimum (valley) and maximum (peak) value reset
  - Start/Stop in chronometer mode or Stop in counter mode
- Display brightness adjustment
- 3 year warranty

### DPM3-P Series Panel Meters

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight (lbs)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM3-P-H</td>
<td>ProSense digital panel meter, 1/8 DIN, 14mm 5-digit tri-color (red, green, amber) LED, pulse and frequency input, 85 to 265 VAC/100 to 300 VDC operating voltage.</td>
<td>0.58</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-P-A2R-H</td>
<td>ProSense digital panel meter, 1/8 DIN, 14mm 5-digit tri-color (red, green, amber) LED, pulse and frequency input, 4-20mA, (2) 8A SPDT relays output, 85 to 265 VAC/100 to 300 VDC operating voltage.</td>
<td>0.69</td>
<td>$166.00</td>
</tr>
<tr>
<td>DPM3-P-L</td>
<td>ProSense digital panel meter, 1/8 DIN, 14mm 5-digit tri-color (red, green, amber) LED, pulse and frequency input, 22 to 53 VAC/10.5 to 70 VDC operating voltage.</td>
<td>0.57</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-P-A2R-L</td>
<td>ProSense digital panel meter, 1/8 DIN, 14mm 5-digit tri-color (red, green, amber) LED, pulse and frequency input, 4-20mA, (2) 8A SPDT relays output, 22 to 53 VAC/10.5 to 70 VDC operating voltage.</td>
<td>0.67</td>
<td>$166.00</td>
</tr>
<tr>
<td>Technical Specifications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tachometer/Frequency Mode</strong></td>
<td>Maximum Frequency</td>
<td>20kHz (without totalizer) 8kHz (with totalizer) 1kHz (duty)</td>
<td></td>
</tr>
<tr>
<td>Minimum Frequency</td>
<td>0.01 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Counter Mode</strong></td>
<td>Without totalizer</td>
<td>11kHz</td>
<td></td>
</tr>
<tr>
<td>With totalizer</td>
<td>9kHz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AC voltage Input</strong></td>
<td>Range</td>
<td>10 to 300 VAC</td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic Sensor Input</strong></td>
<td>Sensitivity</td>
<td>Vin (AC) &gt; 60mVpp for f &lt; 1kHz &gt; 120 mVpp for f &gt; 1kHz</td>
<td></td>
</tr>
<tr>
<td><em><em>NAMUR</em> Sensor Input</em>*</td>
<td>R_C</td>
<td>3.3 Ω</td>
<td></td>
</tr>
<tr>
<td>I_ON</td>
<td>&lt; 1mA DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I_OFF</td>
<td>&gt; 3mA DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NPN/PNP Sensors Input</strong></td>
<td>R_C</td>
<td>3.3 Ω</td>
<td></td>
</tr>
<tr>
<td>Logic level “0”</td>
<td>&lt; 2.4 VDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logic level “1”</td>
<td>&gt; 2.6 VDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TTL/24V Encoder Input</strong></td>
<td>V_C</td>
<td>5V (internal)</td>
<td></td>
</tr>
<tr>
<td>R_C</td>
<td>3.9 Ω</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F_C (auto selection of input type prog.)</td>
<td>20Hz with duty cycle 50% 10Hz with duty cycle 30%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Accuracy at 23ºC ±5ºC</strong></td>
<td>Frequency / Tachometer</td>
<td>±0.005%</td>
<td></td>
</tr>
<tr>
<td>Chronometer</td>
<td>±0.01%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature coefficient</td>
<td>±50ppm / ºC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warm-up time</td>
<td>5 minutes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply and Fuses</strong></td>
<td>-H High Voltage:</td>
<td>85-265 VAC 50/60 Hz or 100-300 VDC, (recommended fusing 0.5A/250V, 5mm x 20mm glass miniature or DIN 41661 equivalent)</td>
<td></td>
</tr>
<tr>
<td>-L Low Voltage:</td>
<td>22-53 VAC 50/60 Hz or 10.5 - 70 VDC, (recommended fusing 2A/250V, 5mm x 20mm glass miniature or DIN 41661 equivalent)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>5W, 8W for -A2R</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sensor Excitations</strong></td>
<td>8.2 VDC @ 30mA ; 20VDC (not stabilized) @ 100mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Type</td>
<td>5 LED digits 14mm (0.55&quot;) (Programmable color Red, Green, Amber)</td>
<td></td>
</tr>
<tr>
<td>LEDs</td>
<td>8, functions and outputs status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decimal Point</td>
<td>Programmable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Positive overflow indication</td>
<td>OvEr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative overflow indication</td>
<td>-OvEr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Counter display limits</td>
<td>Process -99999 to 99999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totalizer</td>
<td>-9999999 to 99999999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronometer ranges</td>
<td>4, from 999.999to 9999999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency ranges</td>
<td>0.01 Hz to 20kHz/10kHz (totalizer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tachometer range</td>
<td>0 to 9999999 (rpm), programmable (rate)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scale factor</td>
<td>Counter/Tach, programmable from 0.0001 to 99999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Display update rate</td>
<td>Counter/Chronometer, 100ms Frequency/Tachometer, programmable 0.1 to 9.9 s</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Relays -A2R Only</strong></td>
<td>Maximum switching current (resistive load)</td>
<td>8A</td>
<td></td>
</tr>
<tr>
<td>Maximum switching power</td>
<td>2000VA / 192W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum switching voltage</td>
<td>400VAC / 125VDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact rating</td>
<td>8A @ 250VAC / 24VDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact resistance</td>
<td>≤ 100mΩ @ 6 VDC @ 1A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact type</td>
<td>SPDT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operate time</td>
<td>≤ 10ms</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For more information about NAMUR sensors see [www.namur.net](http://www.namur.net).
## Digital Panel Meters - DPM3-P
### Series 1/8 DIN

### Technical Specifications Continued

<table>
<thead>
<tr>
<th>Connector</th>
<th>CN1</th>
<th>CN2</th>
<th>CN3</th>
<th>CN4 &amp; CN5</th>
<th>CN6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Analog Output (-A2R) Only</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum load</td>
<td>≤ 500Ω</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>13 bits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accuracy</td>
<td>0.1%FS ±1 bit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response time</td>
<td>50ms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thermal drift</td>
<td>0.5µA / ºC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-10ºC to +60ºC (14ºF to 140ºF)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-25ºC to +80ºC (-13ºF to 176ºF)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative humidity (non-condensing)</td>
<td>&lt; 95% @ 40ºC (104ºF)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum altitude</td>
<td>2000m</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frontal protection degree</td>
<td>IP65</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Environmental Conditions

**Environmental Air**
- No corrosive gases permitted

### Agency Certifications

- CE

---

### Wiring

**Note:** For additional wiring information, download complete manual from www.AutomationDirect.com

**WARNING:** Never connect a dangerous voltage to PIN 4 of CN2 (input common).

---

### Input Wiring Diagrams

#### CN1, CN4, CN5 and CN6 Terminals

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

#### CN2, CN3 Terminals

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

---

### Connectors and Terminals

- **CN1**
  - AC Supply
  - DC Supply
  - Polarity insensitive for DC power

- **CN2**
  - Electrical Inputs
  - (+) 8.2 V Excitation for NAMUR sensors
  - (-) Common excitation / signal
  - Signal B input
  - Signal A input
  - Not used
  - High voltage input (300VAC max.)

- **CN3**
  - Logic Functions
  - Common
  - Input 1
  - Input 2
  - Input 3
  - Input 4

- **CN4 & CN5**
  - Relay 1
  - NO: Normally Open, CM: Common, NC: Normally Closed

- **CN6**
  - Analog Output
  - (-) 4-20mA
  - (+) 4-20mA

---

### Environmental Air

- No corrosive gases permitted

---

### Insertion Tool

- Insert wires into the proper terminal while using the insertion tool to open the clip inside the connector.
- Release the insertion tool to fix wire to the terminal.
Digital Panel Meters - DPM3-P
Series 1/8 DIN

Programming Panel

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Run Mode</th>
<th>Programming Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TARE</td>
<td>Indicates that there is an offset value</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
<td>programmed</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MAX</td>
<td>Solid indicates rotation sense or count</td>
<td>Indicates rotation sense (polarity)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>polarity; Blinking indicates visualization of</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a Max value</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MIN</td>
<td>Solid indicates rotation sense or count</td>
<td>Indicates rotation sense (polarity)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>polarity; Blinking indicates visualization of</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a Min value</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>PROG</td>
<td>---</td>
<td>Indicates programming mode</td>
</tr>
<tr>
<td>5</td>
<td>DISPLAY</td>
<td>Displays the input variable</td>
<td>Displays programming parameters</td>
</tr>
<tr>
<td>6</td>
<td>RESET/OFFSET KEY</td>
<td>In Tachometer mode reset of MAX/ MIN/ TOTAL</td>
<td>- To increase blinking digit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(if present on display)</td>
<td>- Direct access to Setpoints value</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In Counter mode Reset / OFFSET (starts</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>measuring)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>MAX-MIN/TOTAL KEY</td>
<td>1st push allows TOTALIZER visualization</td>
<td>To move blinking digit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(if activated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2nd push allows Max visualization (only</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tachometer)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3rd push allows Min visualization (only</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tachometer)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Following push: back to current value.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>ENTER KEY</td>
<td>To enter programming menu or to visualize</td>
<td>- To step forward in programming menu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>parameters if programming is locked</td>
<td>- To validate programmed values</td>
</tr>
<tr>
<td></td>
<td></td>
<td>---</td>
<td>- To exit programming menu</td>
</tr>
<tr>
<td>9</td>
<td>Free space for units label</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>LED Output 4</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>11</td>
<td>LED Output 3</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>12</td>
<td>LED Output 2</td>
<td>Activation Output 2</td>
<td>Programming output 2</td>
</tr>
<tr>
<td>13</td>
<td>LED Output 1</td>
<td>Activation Output 1</td>
<td>Programming output 1</td>
</tr>
</tbody>
</table>

Dimensions

mm [inches]

Installation

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>96 x 48 x 60mm (1/8 DIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Cutout</td>
<td>92 x 45mm</td>
</tr>
<tr>
<td>(Max. panel thickness 10mm)</td>
<td></td>
</tr>
<tr>
<td>Case Material</td>
<td>Polycarbonate UL 94 V-0</td>
</tr>
</tbody>
</table>

See our website www.AutomationDirect.com for complete Engineering drawings.
# Description

The ProSense DPM family of digital panel meters includes both 1/32 DIN and 1/8 DIN meter sizes with simple menu-driven pushbutton configuration. A wide variety of input signals can be accepted for process, temperature, load cell, voltage, current, pulse, frequency, and other applications. Available output options include alarm relays, analog signal retransmission, and sensor excitation voltage. Backed by a 3-year warranty, ProSense digital panel meters offer outstanding features and performance at an incredible price point.

* Illumination based on available loop current and will not be as bright as the powered Digital Panel Meters

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Display</th>
<th>Inputs</th>
<th>Outputs</th>
<th>Power</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM1-A-LP</td>
<td>1/32 DIN</td>
<td>10mm LED*, -1999 to 9999</td>
<td>4-20mA</td>
<td>None</td>
<td>Loop Powered</td>
<td>$70.00</td>
</tr>
<tr>
<td>DPM1-A-H</td>
<td>1/32 DIN</td>
<td>10mm LED, ±20mA, ±100mV</td>
<td>10V, ±20V</td>
<td>None</td>
<td>85-265 VAC, 50/60 Hz</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM1-A-L</td>
<td>1/32 DIN</td>
<td>10mm LED, -1999 to 9999</td>
<td>4-20mA</td>
<td>None</td>
<td>21-53 VAC, 50/60 Hz</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM1-T-L</td>
<td>1/32 DIN</td>
<td>10mm LED, -1999 to 9999</td>
<td>RTD Pt100 (3-wire)</td>
<td>2 Relays Form A</td>
<td>85-265 VAC, 50/60 Hz</td>
<td>$117.00</td>
</tr>
<tr>
<td>DPM1-A-2R-H</td>
<td>1/32 DIN</td>
<td>8mm LED, ±20mA, ±100mV</td>
<td>10V, ±60V</td>
<td>2 Relays Form A</td>
<td>85-265 VAC, 50/60 Hz</td>
<td>$117.00</td>
</tr>
<tr>
<td>DPM1-A-2R-L</td>
<td>1/32 DIN</td>
<td>8mm LED, -1999 to 9999</td>
<td>4-20mA, ±10V</td>
<td>None</td>
<td>20-265 VAC, 50/60 Hz</td>
<td>$125.00</td>
</tr>
<tr>
<td>DPM2-AT-HL</td>
<td>1/8 DIN</td>
<td>DPM2: 14mm LED, -9999 to 9999</td>
<td>±20mA, ±10V, ±200V</td>
<td>None</td>
<td>20-265 VAC, 50/60 Hz</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM2L-AT-HL</td>
<td>1/8 DIN</td>
<td>DPM2L: 20mm LED, -9999 to 9999</td>
<td>10-50k Ohm resistance, RTD Pt100 (3-wire), RTD Pt1000 (4-wire)</td>
<td>2 Relays Form C SPDT</td>
<td>22-53 VAC, 50/60 Hz</td>
<td>$166.00</td>
</tr>
<tr>
<td>DPM3-AT-H</td>
<td>1/8 DIN</td>
<td>14mm, Red, Green, Amber LED, ±1999 to 39999</td>
<td>±20mA, ±10V, ±200V</td>
<td>None</td>
<td>4-20mA</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-AT-2R-H</td>
<td>1/8 DIN</td>
<td>14mm, Red, Green, Amber LED, ±1999 to 39999</td>
<td>10-50k Ohm resistance, RTD Pt100 (3-wire), RTD Pt1000 (4-wire)</td>
<td>2 Relays Form C SPDT</td>
<td>4-20mA</td>
<td>$149.00</td>
</tr>
<tr>
<td>DPM3-AT-L</td>
<td>1/8 DIN</td>
<td>None</td>
<td>4-20mA</td>
<td>None</td>
<td>4-20mA</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-AT-2R-L</td>
<td>1/8 DIN</td>
<td>None</td>
<td>4-20mA</td>
<td>None</td>
<td>4-20mA</td>
<td>$149.00</td>
</tr>
</tbody>
</table>

For the latest prices, please check AutomationDirect.com.
### DPM Series Digital Panel Meters Electrical Input Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Display</th>
<th>Inputs</th>
<th>Outputs</th>
<th>Power</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM1-E-H</td>
<td>1/32 DIN</td>
<td>10mm, Red LED, -1999 to 9999 Selectable decimal point</td>
<td>100 / 600 VAC or VDC 1A / 5A AC or DC</td>
<td>None</td>
<td>85-265 VAC, 50/60 Hz 100-300 VDC</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM1-E-L</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>21-53 VAC, 50/60 Hz 10.5-70 VDC</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM2-E-HL</td>
<td>1/8 DIN</td>
<td>14mm, Red LED, -9999 to 9999 Selectable decimal point</td>
<td>600 / 200 / 20 VAC or VDC 1A / 5A / shunt 60mV / shunt 100mV AC or DC</td>
<td>None</td>
<td>20-265 VAC, 50/60 Hz 11-265 VDC</td>
<td>$107.00</td>
</tr>
<tr>
<td>DPM2-E-2R-HL</td>
<td></td>
<td></td>
<td></td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>85-265 VAC 100-300 VDC</td>
<td>$173.00</td>
</tr>
<tr>
<td>DPM3-E-H</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>85-265 VAC 100-300 VDC</td>
<td>$145.00</td>
</tr>
<tr>
<td>DPM3-E-A2R-H</td>
<td></td>
<td>14mm, Red, Green, Amber LED -19999 to 19999  Selectable decimal point</td>
<td>600 / 200 / 20 / 2 VAC True RMS or VDC 1A / 5A / shunt 60mV / shunt 100mV AC True RMS or DC</td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>22.53 VAC 10.5-70 VDC</td>
<td>$173.00</td>
</tr>
<tr>
<td>DPM3-E-L</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>22-53 VAC 10.5-70 VDC</td>
<td>$145.00</td>
</tr>
<tr>
<td>DPM3-E-A2R-L</td>
<td></td>
<td></td>
<td></td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>22-53 VAC 10.5-70 VDC</td>
<td>$173.00</td>
</tr>
</tbody>
</table>

### DPM Series Digital Panel Meters Pulse, Frequency Input Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Display</th>
<th>Inputs</th>
<th>Outputs</th>
<th>Power</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM1-P-H</td>
<td>1/32 DIN</td>
<td>10mm, Red LED, 0 to 9999 Selectable decimal point</td>
<td>7kHz (tachometer rpm or rate modes) 9999kHz (frequency meter mode)</td>
<td>None</td>
<td>85-265 VAC 100-300 VDC</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM1-P-L</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>1-53 VAC 10.5-70 VDC</td>
<td>$91.00</td>
</tr>
<tr>
<td>DPM1-P-A2R-H</td>
<td></td>
<td>8mm, Red LED, 0 to 9999 Selectable decimal point</td>
<td>12kHz (tachometer rpm or rate modes) 9999kHz (frequency mode) 100Hz (duty/PWM mode)</td>
<td>2 Relays Form A SPST Normally Open 4-20mA</td>
<td>85-265 VAC 100-300 VDC</td>
<td>$107.00</td>
</tr>
<tr>
<td>DPM1-P-A2R-L</td>
<td></td>
<td></td>
<td></td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>21-53 VAC 10.5-70 VDC</td>
<td>$107.00</td>
</tr>
<tr>
<td>DPM2-P-HL</td>
<td>1/8 DIN</td>
<td>14mm, Red LED, 0 to 9999, 0 to 999999 Totalizer Selectable decimal point</td>
<td>7.5 kHz (counter mode) 25kHz (tachometer rpm or rate modes)</td>
<td>None</td>
<td>20-265 VAC 11-265 VDC</td>
<td>$107.00</td>
</tr>
<tr>
<td>DPM2-P-2R-HL</td>
<td></td>
<td></td>
<td></td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>11-265 VDC</td>
<td>$117.00</td>
</tr>
<tr>
<td>DPM3-P-H</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>85-265 VAC 100-300 VDC</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-P-A2R-H</td>
<td></td>
<td>14mm Red, Green, Amber LED -99999 to 999999 Totalizer Programmable decimal point</td>
<td>19kHz (without totalizer) 9.9 kHz (with totalizer)</td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>22-53 VAC 10.5-70 VDC</td>
<td>$166.00</td>
</tr>
<tr>
<td>DPM3-P-L</td>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td>22-53 VAC 10.5-70 VDC</td>
<td>$133.00</td>
</tr>
<tr>
<td>DPM3-P-A2R-L</td>
<td></td>
<td></td>
<td></td>
<td>2 Relays Form C SPDT 4-20mA</td>
<td>22-53 VAC 10.5-70 VDC</td>
<td>$166.00</td>
</tr>
</tbody>
</table>
Panel Meter Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight (lbs)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM-BKT1</td>
<td>ProSense panel mount bracket, for use with DPM2 and DPM3 series 1/8 DIN digital panel meters. Hardware included.</td>
<td>0.3</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

The DPM-BKT1 kit includes:
A. 2 mounting clips.
B. 4 screws M3 x 6 DIN 963 to attach the clips to the inside of the arms of part E.
C. 2 screws M4 x 8 DIN 84 to attach DIN rail clips to part E.
D. 2 DIN rail clips (DIN rail EN50022 or EN50035).
E. 1 metal bracket.
(Panel Meter not included)

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.