

ProSense® Digital Panel Meters

Digital Panel Meters with simple menu-driven pushbutton configuration 1/32 DIN and 1/8 DIN meter sizes

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. Available output options include alarm relays,

and analog signal retransmission. Backed by a 3-year warranty, ProSense digital panel meters offer outstanding features and performance at an incredible price point.

The DPM series now includes models for inputs of AC or DC voltage or amperage electrical parameters.

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Features

- Display AC or DC voltage or amperage electrical parameters
- Manually enter scaling or use the teaching mode to scale the display
- Models available with two relay outputs for high and low alarm indication and analog signal retransmission output for connection to PLC inputs

DPM1 Series 1/32 DIN

- 48 x 24 mm 1/32 DIN
- 4-digit 10mm red LED display (-1999 to 9999 DC / 0 to 9999 AC)
- Selectable decimal point
- AC/DC voltage input (100V/600V)
- AC/DC current input (1A/5A)
- AC or DC powered

DPM2 Series 1/8 DIN

- 96 x 48 mm 1/8 DIN
- 4-digit 14mm red LED display (-9999 to 9999)
- Selectable decimal point
- AC/DC voltage input (600V/200V/20V)
- AC/DC current input (1A/5A/shunt 60mV/shunt 100mV)
- AC or DC powered
- Model available with 2 relay outputs

DPM3 Series 1/8 DIN

- 96 x 48 mm 1/8 DIN
- 5-digit 14mm (-19999 to 19999) tri-color (red, green, amber) LED display
- Selectable decimal point
- True RMS measurement for AC voltage and current
- AC/DC voltage input (600V/200V/20V)
- AC/DC current input (1A/5A/shunt 60mV/shunt 100mV)
- AC or DC powered
- 4-20mA analog output and two relays on select models

ProSense® Loop Panel Meters

Panel meters that provide a simple, low-cost digital display of analog 4-20mA signals

1/8 DIN meter sizes

The ProSense LPM1 family of loop panel meters provide a low-cost solution to display an analog 4-20mA signal. Available in 1/8 DIN meter size, this panel meter requires no external power supply, which makes it ideal for remote/field mounted applications. The 4-20mA signal simply runs through the meter on

its way back to a PLC or control unit. In addition to the digital display, these units include a bar graph display that helps an operator see the relative position of the display within the overall scaled range. All units are UL and CE listed, and the -HAZ model is CSA certified for US and Canada standards for hazardous locations.



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Features

- Display analog 4-20mA signals
- Requires no external power supply making it ideal for remote/field mount

LPM1 Series 1/8 DIN Features

- 1/8 DIN panel mount or enclosed field mount models
- 5-digit (-19999 to 99999) black LCD display
- Large 17mm digit height
- Selectable decimal point
- Bar graph display
- Engineering unit display of pre-defined units or user entered custom text
- Backlight operation available for improved readability in dark areas
- Process input (4-20mA DC)
- Loop powered - no external power supply is required
- Simple configuration using three operating keys
- Configuration for direct or reverse acting linear processes
- Selectable high and low range error limits
- Available display offset parameter
- Square root extraction function useful for flow applications
- Configuration parameters lock out
- Model available with hazardous locations ratings
- 1-year warranty