Series DPMP & DPML

LCD Digital Panel Meters

3-1/2 & 4-1/2 Digit LCD, User Selectable Engineering Units, Panel Mount

RoHS

DPMP

DPML

DPMP

P Models
V
A
KW
PF

2-35/64 [64.5]

1-9/64 [29]

2.390 [60.6] REAR HOUSING

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P Models
V
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2-35/64 [64.5]

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2.390 [60.6] REAR HOUSING

2-13/32 [61]

PANEL CUTOUT FOR WINDOW MOUNTING

1 [25.4]

1/8 [3]

63/64 [25.1]

1-5/8 [41.1]

Disponibile anche ATEX

The **Series DPMP & DPML LCD Digital Panel Meters** provide easy viewing on the 3-1/2 or 4-1/2 digit LCD display. The display segments are available in a choice of amber, black, red or green. The meter features user-selectable engineering units, adjustable span and zero and field-selectable decimal point position. The snap-in bezel mount eliminates mounting hardware for quick installation. A 24 VDC power supply is required for the operation of the backlight.

APPLICATIONS
Used to display process values from pressure, humidity, temperature, voltage, current, watt, or power factor transmitters.

Model	Input	Segments	Engineering Units	Digit*
DPMP-401	Current	Amber	°F, °C, %, PSI	3-1/2″
DPMP-402	Current	Green	°F, °C, %, PSI	3-1/2″
DPMP-403	Current	Red	°F, °C, %, PSI	3-1/2″
DPMP-501	Voltage	Amber	°F, °C, %, PSI	3-1/2″
DPMP-502	Voltage	Green	°F, °C, %, PSI	3-1/2″
DPMP-503	Voltage	Red	°F, °C, %, PSI	3-1/2″
DPMP-401P	Current	Amber	V, A, KW, PF	3-1/2″
DPMP-402P	Current	Green	V, A, KW, PF	3-1/2″
DPMP-403P	Current	Red	V, A, KW, PF	3-1/2″
DPMP-501P	Voltage	Amber	V, A, KW, PF	3-1/2″
DPMP-502P	Voltage	Green	V, A, KW, PF	3-1/2″
DPMP-503P	Voltage	Red	V, A, KW, PF	3-1/2″

*Note: For 4-1/2 digit display change P to L.
Example: DPML-401

SPECIFICATIONS
Input: DPMX-4XX(P): 4 to 20 mA; DPMX-5XX(P): 0 to 200 mVDC, 0 to 5 VDC, or 0 to 10 VDC.
Input Impedance: DPMX-4XX(P): 300Ω nominal; DPMX-5XX(P): 390Ω nominal.
Accuracy: ±(0.1% FS + 2 count).
Power Supply: DPMX-4XX(P): Powered by control loop; DPMX-5XX(P): 12 VDC or 24 VDC.
Backlight Power Supply: 24 VDC @ 35 mA typical.
Span and Zero: Adjustable (±1999 Counts).
Display: DPMP: 3-1/2 digits, 7 segments, 0.45″ (11.4 mm) H; DPML: 4-1/2 digits, 7 segments, 0.45″ (11.4 mm) H.

ACCESSORIES
DPM-12P, Regulated 120 VAC to 12 VDC Power Supply
DPM-24P, Regulated 120 VAC to 24 VDC Power Supply

Decimal Points: DPMP: 3-position, user selectable; DPML: 4-position, user selectable.
Engineering Units: DPMX-XXX: °F, °C, %, psi; DPMX-XXXP: V, A, KW, PF.
Polarity: Automatic, "-" displayed.
Operating Temperature: 32 to 122°F (0 to 50°C).
Storage Temperature: -4 to 158°F (-20 to 70°C).
Mounting: Snap-in bezel mount.
Connection: Screw terminals.
Conversion Rate: 3 per second.
Warm-Up: 10 minutes typical.
Weight: 2 oz (56.7 g).
Agency Approvals: RoHS.