

1/8 DIN Process Meter

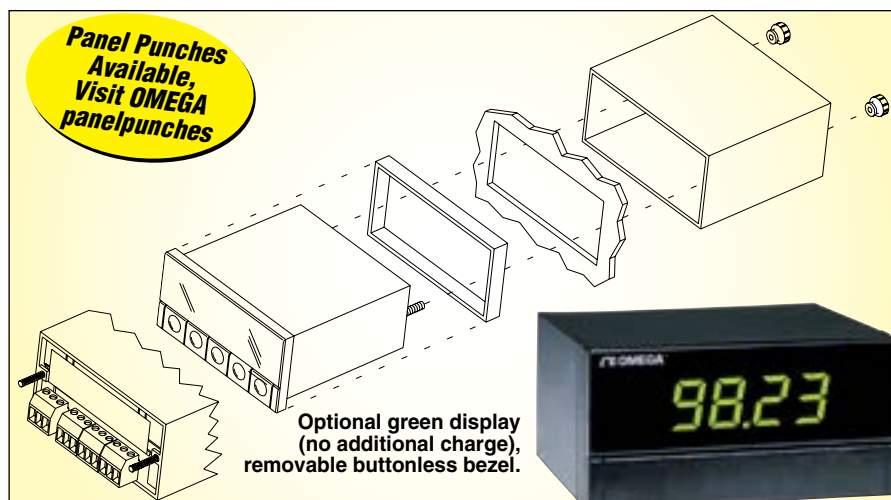


DP24-E



DP24-E, shown smaller than actual size.

- ✓ User Friendly
- ✓ 24 or 10 Vdc for Transducer Excitation
- ✓ Easily Scaled from -1999 to 9999 in Any Engineering Unit
- ✓ Front-Panel Min/Max and Tare Functions
- ✓ External Display Hold and Tare
- ✓ Full-Size 14.2 mm (0.56") LED Display
- ✓ Exceeds High Standards for Immunity and Emissions
- ✓ RoHS 2 Compliant



The DP24 Series comprises economical, user-friendly panel meters that can be scaled without an electronic calibrator. The DP24-E accepts voltage (0 to 5, 1 to 5, and 0 to 10 Vdc) or current (4 to 20 mA) transducers. After scaling, the front keypad can be locked out to avoid unauthorized changes and an optional bezel without "buttonholes" can be snapped into place.

Power Requirements

Voltage: 115 Vac $\pm 15\%$ standard (230 Vac or 10 to 32 Vdc optional)

Frequency: 50 or 60 Hz

Power Consumption: 2.5 W max

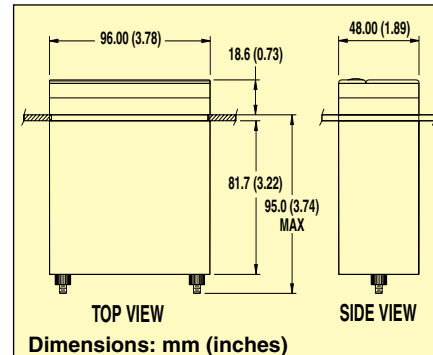
Mechanical Specifications

Dimensions: 96 W x 48 H x 104 mm D (3.78 x 1.89 x 4.10")

Panel Cutout: 1/8 DIN, 92 W x 45 mm H (3.62 x 1.77")

Depth Behind Panel: 100 mm (3.94")

Weight: 312 g (11 oz)



Specifications

Accuracy: ± 0.05 rdg + 1 LSD @ 25°C (77°F)

Input: 0 to 5 Vdc, 1 to 5 Vdc or 0 to 10 Vdc @ 4 to 20 mA (bi-directional)

Operating Temp: 0 to 50°C (32 to 122°F)

Storage Temp: -40 to 85°C (-40 to 185°F)

Temp Coefficient: 50 ppm/°C

Display: 4-digit, red or green LED, 14.2 mm H (0.56")

Display Range: -1999 to 9999

Relative Humidity: 95% @ 40°C (104°F), non-condensing

Connections: Screw terminals

External Features: Tare, reset tare, display hold

To Order

Model No.	Description
DP24-E	115 Vac meter

Power and Display Options

Suffix	Description
-GN	Green LED display
-230	230 Vac power
-DC	10 to 32 Vdc isolated power
SPC4	NEMA 4 (IP65) splashproof lens with screw clamp
SPC18	NEMA 4 (IP65) splashproof lens with spring clip
BBZL-T	Removable buttonless bezel

Comes complete with operator's manual.

Ordering Example: DP24-E-GN-DC, process monitor with green LED display and 10 to 32 Vdc power.