

# 1/8 DIN Process Meter

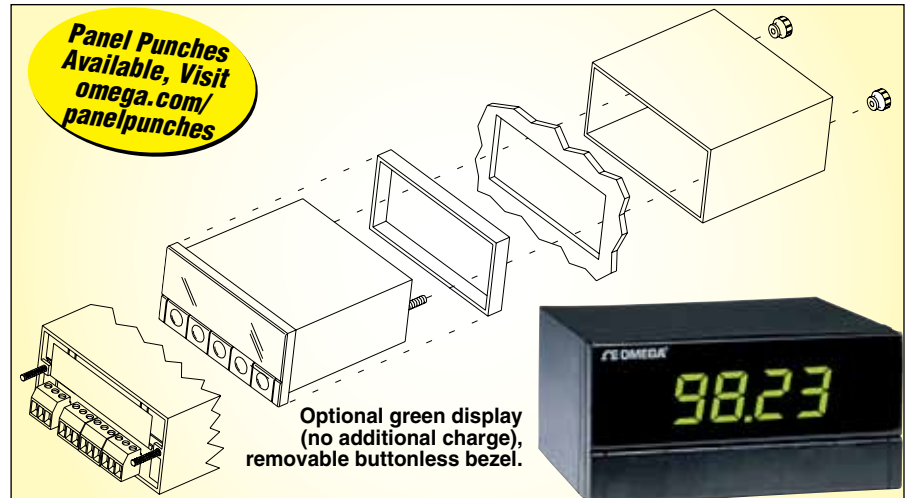
**MONOGRAM™  
SERIES**

**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



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

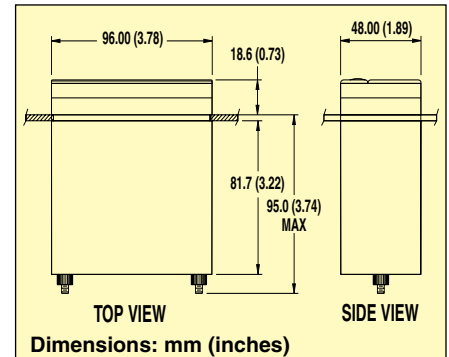
### Mechanical Specifications

**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:**  $\pm$ 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 Visit [omega.com/dp24-e](http://omega.com/dp24-e) for Pricing and Details**

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.