

# Temperature Panel Meter

## Economical 1/8 DIN Size

5 YEAR WARRANTY

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**Ω MONOGRAM<sup>®</sup> SERIES**

MANUFACTURED BY  
**NEWPORT<sup>®</sup>**

As seen at [www.newportUS.com](http://www.newportUS.com)

Available with red or green LED display

Model DP119

**£185**  
Basic Unit



Shown larger than actual size

- ✓ Full-Size 14.2 mm LED Display
- ✓ Thermocouple or RTD Input
- ✓ 3½ Digit Display
- ✓ Analogue Output Standard
- ✓ 1/8 DIN Standard Panel Cutout
- ✓ Safety-Rated, Removable Screw-Clamp Cable Connector
- ✓ Display Hold Capability

### Specifications

**Accuracy, Thermocouple:** 1° models: ±1.5°C (±2.7°F) + 1 count; 0.1° models ±1°C (±1.8°F) +1 count

**Accuracy, RTD:** 1° models: ±0.3°C (±0.5°F) +0.2% rdg; 0.1° models: ±0.1°C (±0.2°F) +0.2% rdg; ±1.5°C (±2.7°F) max error

**Analogue Output:** non-isolated, 1mV per degree for 1° resolution units, 10 mV per degree for 0.1° resolution units

**Read Rate:** 2.5/sec

**Response Time:** 1 sec

**Display:** 3 1/2 digit LED, 14.2 mm digits

**Power:** 230 or 115 Vac, ±15%, 50/60Hz, Specify

**Optional Power:** 9 to 32 Vdc, non-isolated

**Power Consumption:** 2 watts

**Operating Temperature:** 0 to 60°C (32 to 140°F)

**Dimensions:** 48H x 96W x 120D mm

**Panel Cutout:** 1/8 DIN, 45 x 92 mm

**Weight:** 225 g

### To Order (Specify Model Number)

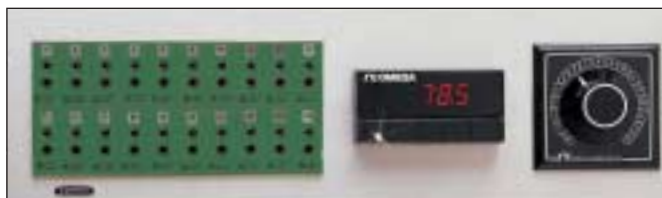
| Model No.     | Price | Input Type                   | Resol. | Range             |
|---------------|-------|------------------------------|--------|-------------------|
| DP119-JC1-230 | £185  | J<br>Iron-Constantan         | 1°C    | -210 to 760°C     |
| DP119-JC2-230 | 185   |                              | 0.1°C  | -199.9 to 199.9°C |
| DP119-JF1-230 | 185   |                              | 1°F    | -346 to 1400°F    |
| DP119-JF2-230 | 185   |                              | 0.1°F  | -199.9 to 199.9°F |
| DP119-KC1-230 | 185   | K<br>CHROMEGA™<br>ALOMEGA™   | 1°C    | -105 to 1372°C    |
| DP119-KC2-230 | 185   |                              | 0.1°C  | -199.9 to 199.9°C |
| DP119-KF1-230 | 185   |                              | 1°F    | -157 to 1999°F    |
| DP119-KF2-230 | 185   |                              | 0.1°F  | -199.9 to 199.9°F |
| DP119-TC1-230 | 185   | T<br>Copper-Constantan       | 1°C    | -105 to 400°C     |
| DP119-TC2-230 | 185   |                              | 0.1°C  | -199.9 to 199.9°C |
| DP119-TF1-230 | 185   |                              | 1°F    | -157 to 752°F     |
| DP119-TF2-230 | 185   |                              | 0.1°F  | -199.9 to 199.9°F |
| DP119-EC1-230 | 185   | E<br>CHROMEGA™<br>Constantan | 1°C    | -105 to 1000°C    |
| DP119-EC2-230 | 185   |                              | 0.1°C  | -199.9 to 199.9°C |
| DP119-EF1-230 | 185   |                              | 1°F    | -157 to 1832°F    |
| DP119-EF2-230 | 185   |                              | 0.1°F  | -199.9 to 199.9°F |
| DP119-MC1-230 | 185   | RTD<br>100Ω Pt               | 1°C    | -200 to 850°C     |
| DP119-MC2-230 | 185   |                              | 0.1°C  | -199.9 to 199.9°C |
| DP119-MF1-230 | 185   |                              | 1°F    | -328 to 1562°F    |
| DP119-MF2-230 | 185   |                              | 0.1°F  | -199.9 to 199.9°F |

All units come with a complete operators manual

### Display & Power Options

| Suffix | Price | Description                                    |
|--------|-------|--|
| -GR    | N/C   | Green LED display                              |
| -115   | N/C   | 115 Vac power (Also remove -230)               |
| -9/26  | N/C   | 9-32 Vdc non-isolated power (Also remove -230) |

**Ordering Example:** DP119-KC1-230, type K meter, with -105 to 1372°C range 1° resolution and 230 Vac power, £185



See section F for a complete selection of industrial panels and switches