

Temperature Panel Meter

Economical 1/8 DIN Size

Panel Punches Available

DP119 Series



- ✓ Full-Size 14.2 mm (0.56") LED Display
- ✓ Thermocouple or RTD Input
- ✓ 3½ Digit Display
- ✓ Analog Output Standard
- ✓ 1/8 DIN Standard Panel Cutout
- ✓ Safety-Rated, Removable Screw-Clamp Cable Connector
- ✓ Display Hold Capability
- ✓ RoHS 2 Compliant

DP119-JC1 shown actual size. Unit supplied with red LED display. Green LED display available, add suffix "-GR", no additional cost.

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

Analog Output: Non-isolated, 1mV per degree for 1° resolution units, 10 mV per degree for 0.1° resolution units

Read Rate: 2.5/s

Response Time: 1 second

Display: 3½ digit LED, 14.2 mm (0.56") digits

Power: 115 Vac, ±15%, 50/60Hz

Optional Power: 9 to 32 Vdc, non-isolated

Power Consumption: 2 W

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

Dimensions: 48 H x 96 W x 120 mm D (1.89 x 3.78 x 4.72")

Panel Cutout: 1/8 DIN, 45 x 92 mm (1.772 x 3.622")

Weight: 225 g (8 oz)

To Order

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

Display and Power Options

Suffix	Description
-GR	Green LED display
-230	230 Vac power
-9/26	9 to 32 Vdc non-isolated power

Comes complete with operator's manual.

Ordering Examples: DP119-KF1-230, Type K meter with -157 to 1999°F range, 1°F resolution and 230 Vac power.

DP119-TC2, Type T meter with -199.9 to 199.9°C and 0.1°C resolution.



A complete selection of industrial panels and switches available online.