

Compact $\frac{3}{64}$ DIN Size Temperature Meters with Full-Size LEDs

MONOGRAM™ SERIES

DP116 Series

£131

All Models



DP116-KF1, £131, shown smaller than actual size.

DP116-TC2-GR, £131, shown smaller than actual size, with GKQSS-IM60G-300 thermocouple probe sold separately see omega.co.uk



- ✓ 5-Year Warranty
- ✓ Thermocouple and RTD Inputs
- ✓ Full-Size 14.2 mm LED Display, $3\frac{1}{2}$ Digits
- ✓ Display Hold Capability
- ✓ Analogue Output
- ✓ $\frac{1}{8}$ DIN Panel Adaptor
- ✓ Safety-Rated, Removable Screw-Clamp Cable Connector



SPECIFICATIONS

Accuracy, Thermocouple:

1.0° Models: $\pm 1.5^{\circ}\text{C} + 1$ count

0.1° Models: $\pm 1^{\circ}\text{C} + 1$ count

Accuracy, RTD:

0.1° Models: $\pm 0.3^{\circ}\text{C} + 0.2\%$ rdg

1.0° Models: $\pm 0.1^{\circ}\text{C} + 0.2\%$ rdg;

$\pm 1.5^{\circ}\text{C}$ ($\pm 2.7^{\circ}\text{F}$) max error

Analogue Output (Non-Isolated):

0.1° Models: 10 mV/°

1.0° Models: 1 mV/°

Read Rate: 2.5/s

Response Time: 1 s

Display: $3\frac{1}{2}$ digit red LED, 14.2 mm digits (optional green LED—no charge)

Power: 115 Vac, $\pm 15\%$, 50/60 Hz (optional 230 Vac or non-isolated 9/26 Vdc—no charge)

Power Consumption: 2 W

Operating Temperature: 0 to 60°C

Dimensions: 24 H x 72 W x 120 mm D

Weight: 200 g

Panel Cutout: $\frac{3}{64}$ DIN, 22 x 68 mm; $\frac{1}{8}$ DIN adaptor (DP116-PB1) supplied with each unit

Comes with DP116-PB1, $\frac{1}{8}$ DIN mounting adaptor, shown smaller than actual size.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Input Type	Resol.	Range
DP116-JC1	£131	J Iron-	1°C	-210 to 760°C
DP116-JC2	131		0.1°C	-199.9 to 199.9°C
DP116-JF1	131		1°F	-346 to 1400°F
DP116-JF2	131	Constantan	0.1°F	-199.9 to 199.9°F
DP116-KC1	131	K Chromega™	1°C	-105 to 1372°C
DP116-KC2	131		0.1°C	-199.9 to 199.9°C
DP116-KF1	131		1°F	-157 to 1999°F
DP116-KF2	131	Alomega™	0.1°F	-199.9 to 199.9°F
DP116-TC1	131	T Copper-	1°C	-105 to 400°C
DP116-TC2	131		0.1°C	-199.9 to 199.9°C
DP116-TF1	131		1°F	-157 to 752°F
DP116-TF2	131	Constantan	0.1°F	-199.9 to 199.9°F
DP116-EC1	131	E Chromega™	1°C	-105 to 1000°C
DP116-EC2	131		0.1°C	-199.9 to 199.9°C
DP116-EF1	131		1°F	-157 to 1832°F
DP116-EF2	131	Constantan	0.1°F	-199.9 to 199.9°F
DP116-MC1	131	RTD 100 Pt	1°C	-200 to 850°C
DP116-MC2	131		0.1°C	-199.9 to 199.9°C
DP116-MF1	131		1°F	-328 to 1562°F
DP116-MF2	131		0.1°F	-199.9 to 199.9°F

Options and Accessories

Order Suffix	Price	Description
-230	N/C	230 Vac power
-9/26	N/C	9 to 32 Vdc non-isolated power
-GR	N/C	Green LED display
SPC4	£20	IP65 (NEMA 4) splashproof lens/screw clamp
SPC18	20	
SPC364	20	
EE-1319	47	Reference Book: Grounding and Shielding Techniques

Comes with DP116-PB1 $\frac{1}{8}$ DIN mounting adaptor and complete operator's manual.

Ordering Example: DP116-KF1-GR-9/26, Type K meter with -157 to 1999°F range, 1° resolution and 9 to 32 Vdc non-isolated power, £131.

METERS



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

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www.omega.nl

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters