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Differential Temperature Meter ⅛ DIN Size

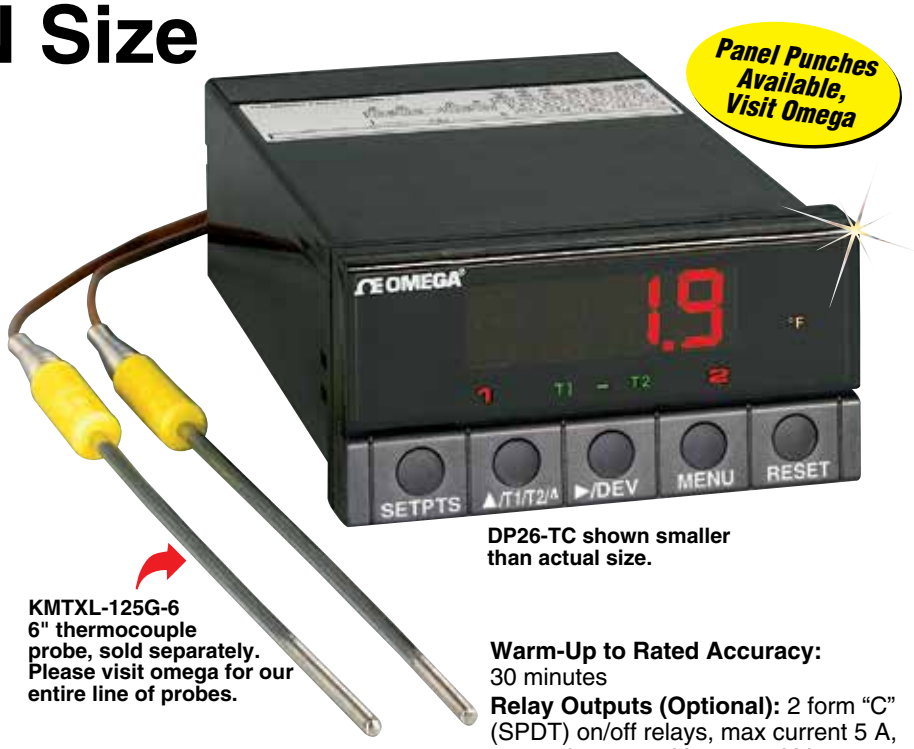
OMEGA™

DP26 Series

5 YEAR WARRANTY

- **Temperature Displayed as T1-T2, T1 or T2**
- **J, K, T or J DIN Thermocouple Input, User-Selectable**
- **Optional Programmable Analog Output**
- **Optional 2 Form "C", 5 A Relays—Each Relay Independently Assignable to T1, T2, or T1-T2**
- **One-Touch Tuning in Proportional Mode**
- **Peak Memory with One-Touch Recall**

The DP26 differential temperature meter is a versatile, dual input indicator/controller. The touch of a button toggles the display between T1, T2 and T1-T2. Analog output is optional, using any of the 3 values available. The optional control relays for alarms or on/off control can be tied to T1, T2 or T1-T2. The user can select J, K, T or J DIN thermocouple input from the front panel. The units of measure can be switched between °F and °C with the front panel pushbuttons. The optional analog output can function as retransmission of temperature (assignable to T1, T2, or T1-T2) or be assigned to setpoint #1 and used as a proportional control output. Setpoint #1 will still continue to operate as a setpoint, while the analog output of either 4 to 20 mA or 0 to 10V can be used to proportionally control an external process.



DP26-TC shown smaller than actual size.

KMTXL-125G-6
6" thermocouple probe, sold separately. Please visit omega for our entire line of probes.

Specifications

Isolation: Dielectric strength to 2500V transient per 3 mm spacing based on EN 61010 for 260 Vrms or DC
NMR: 60 dB
CMR: 120 dB
Over voltage: 240 V rms
Display: Red 14-segment LED, 13.8 mm (0.54")
Analog-to-Digital Technique: Dual slope
Internal Resolution: 15-bit
Read Rate: 3/s
Polarity: Automatic
Accuracy: ±0.5°C (0.9°F) above -100°C (-148°F); ±1°C (1.8°F) below -100°C (-148°F)
Span Tempco: ±50 ppm/°C
Step Response: 1 to 2 seconds
Warm-Up to Rated Accuracy: 30 minutes
Relay Outputs (Optional): 2 form "C" (SPDT) on/off relays, max current 5 A, max voltage 250 Vac or 30 Vdc
Analog Output (Optional): 0 to 10V, 4 to 20 mA or 0 to 20 mA; user-selectable
Power: 115 or 230 V±10%; 10 to 32 Vdc; 26 to 56 Vdc; 8 W maximum (optional)
Operating Temperature: 0 to 50°C (32 to 122°F), RH 90% at 40°C (104°F) (non-condensing)
Dimensions: 48 H x 96 W x 152 mm D (1.89 x 3.78 x 6.0")
Panel Cutout: ⅛ DIN, 45 H x 92 mm W (1.77 x 3.62")
Weight: 574 g (1.27 lb)

To Order

Model No.	Input Type	Range
DP26-TC	J	-210 to 760°C (-346 to 1400°F)
	K	-270 to 1372°C (-454 to 2500°F)
	T	-210 to 400°C (-346 to 752°F)
	J DIN	-200 to 900°C (-328 to 1652°F)
DP26-RTD	100 Ω Pt, 0.00385 2-, 3-, 4-wire	-200 to 850°C (-328 to 1562°F)

Comes complete with operator's manual.
***Ordering Example: DP26-TC-GN-AR,** differential thermocouple indicator for J, K, T or J DIN inputs, with green display, analog output, dual 5 A relays and 115 Vac power.*

Display and Output Options*

Order Suffix	Description
-GN	Green display
-A	Analog output
-R	Dual 5 A relays
-AR	Analog output/ dual relays
-AI	Isolated analog output
-AI-R	Isolated analog output/dual relays

Power Options**

Order Suffix	Power
-230	230 Vac
-DC10/32	10 to 32 Vdc
-DC26/56	26 to 56 Vdc

*** Not field installable.*

** Not field installable. For "-AI" option, the "-R" option is required.*

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