



# Temperature Meter with Alarm or On/Off Control Output with Audible Buzzer

DP7000 Series

£37

All Models



DP7001, £37, shown larger than actual size.

- ✓ Bright-Red, 3-Digit LED Display
- ✓ J or K Thermocouple Inputs
- ✓ 15 A Relay Output
- ✓ Simple On/Off Control or Alarm
- ✓ NEMA 4X (IP64) Front Panel
- ✓ Internal Audible Buzzer

The DP7000 Series temperature meters offer a wide temperature range, 2 selectable alarm settings, and an internal buzzer that indicates alarm condition or error. The user can define setpoint, on/off heating/cooling regulation, alarm configuration, load status, and ambient probe adjustment. Other features include password protection and error/alarm messaging. Temperature and output status is indicated on the bright-red LED display. The DP7000 can be programmed for J or K thermocouple inputs.

## Applications

These meters are suitable for industrial chillers, environmental chambers, walk-ins and freezers, heat sealers, sterilisers, coolers, display cases and cabinets, warmers, meat and produce storage, floral preservation, laboratories, food service equipment, ovens and dryers, tool rooms, and burn-in rooms and chambers.

## Specifications

### Probe Range:

**Thermocouple J:** 0 to 700°C (32 to 999°F)

**Thermocouple K:** 0 to 999°C (32 to 999°F)

**Inputs:** Type J or K thermocouple

**Output:** 15 A SPDT relay @ 250 Vac resistive

**Horsepower Rating (hp):** ¼

**Control Type:** On/off

**Power Requirement:** 110 Vac, 230 Vac, 12 Vac/Vdc or 24 Vac/Vdc (depending on model)

**Accuracy:** ±1% FS

**Display:** Three 12.7 mm (½") red digits, plus sign

**Resolution:** 1°

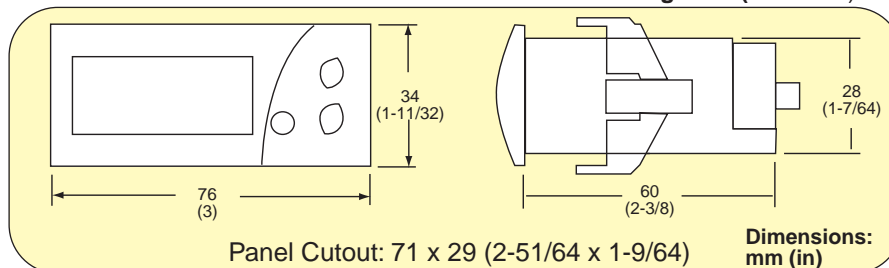
**Memory Backup:** Non-volatile memory

**Operating Temperature:** -10 to 70°C (14 to 158°F)

**Storage Temperature:** -20 to 80°C (-4 to 176°F)

**Weight:** 65 g (2.3 oz)

**Front-Panel Rating:** IP66 (NEMA 4X)



**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Model No.	Price	Description
DP7001	£37	Type J/K input, 110 V, °F
DP7002	37	Type J/K input, 110 V, °C
DP7003	37	Type J/K input, 230 V, °F
DP7004	37	Type J/K input, 230 V, °C
DP7005	37	Type J/K input, 12 Vac/Vdc, °F
DP7006	37	Type J/K input, 12 Vac/Vdc, °C
DP7007	37	Type J/K input, 24 Vac/Vdc, °F
DP7008	37	Type J/K input, 24 Vac/Vdc, °C

Comes with operator's manual.

**Ordering Example:** DP7001, temperature meter with alarm or on/off control output with internal audible buzzer, £37.

## Accessories

Model No.	Price	Description
CNQUENCHARC	£5.40	Noise suppression kit, 110 to 230 Vac
EE-1319	47	Reference Book: Grounding and Shielding Techniques



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