

M4000 Indicator

The 4000 Series of wall mounting instruments are highly versatile and accurate. Available as single or six input instruments, for thermocouple, RTD sensors, or 4-20mA process inputs, with 0.1 resolution auto-ranging to 1.0 above 1000.

The thermocouple versions are switch selectable for eight thermocouple types (J,K,T,E,N,R,S,I/R). The Pt100 version offers the option of three or four wire operation. The 4-20mA version can be easily scaled by setting scale and offset terms via internal switches. The instruments are microprocessor driven and fully self-calibrating, offering long-term stability.



The large backlit LCD display is easy to read in all lighting conditions.

- ⋮ Large Backlit LCD
- ⋮ °C/°F Switchable
- ⋮ 0.1/1 Auto Ranging
- ⋮ Selectable
- ⋮ Thermocouple Input
- ⋮ 3 or 4 Wire RTD
- ⋮ Scaleable 4-20mA
- ⋮ Splash Proof Front Panel (IP65)

Specification	
Inputs:	Thermocouple J,K,T,E,N,R,S,I/R Pt100 3 or 4 wire input, 4-20mA
Display:	4 digit backlit LCD 25mm High
Accuracy:	Thermocouple ±0.25% of RDG ±0.2°C RTD ±0.15% of RDG ±0.2°C 4-20mA ±0.25% of RDG +0.02mA
Temperature Coefficient:	0.01% of RDG
Resolution:	0.1 to 999-1 (above 1000)
Optional Alarm Output:	Relay 5A @ 30Vdc – 5A @ 120Vac
Optional Battery Output:	With backlight 3 hours Without backlight 2000 hours
Ambient Operating Temperature:	0 – 50°C
Storage Temperature:	-40 to 50°C
Humidity:	0 to 70% RH
Power:	240Vac (standard)
Options:	110 Vac – 9-30Vac/dc battery pack
Dimensions:	7" x 8" x 4" (185 x 213 x 113mm)
Weight:	2.5lbs (1.1 kg)

Model	Description
4001	Single Input T/C Meter
4003	Six Input T/C Meter
4005	Single Input RTD Meter
4006	Six Input RTD Meter
4007	Single Input 4-20mA
4008	Six Input 4-20mA
Output and Power Options	
ALM	Alarm relay
BATT	Battery Pack
9-30	9-30 Vac/dc
110	110 Vac

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