



Main Features:

- ✓ Inputs Thermocouple/ RTD/ mA/ Vdc (Dedicated)
- ✓ High Accuracy - 0.25% FS ± 1 Digit
- ✓ Digital 3 & 4 Digits LED Display
- ✓ External Span & Zero Adjustment Provision
- ✓ Auto Linearization
- ✓ 4-20mA Re-Transmission Output (Optional)

Operation

The instrument's front panel consist of a 3½ digit 7- segment display with 100mm RED FNDs. The display normally indicates process value, and can be switched to show the set value by push buttons provided for this purpose. Set point adjustment is by multi turn pots. Probe failure indication by displaying ±1 indication. Optional 4-20mA re-transmission signal can be ordered for recording purpose or remote signal transmission to PLC/ DCS/ DAS systems.

Specification

Cold Junction Compensation	: In-Built
Accuracy	: 0.25% FS ±1 Digit
Display	: 3½ Digits, 7Segment RED FND, IN 100mm Height.
Power Supply	: 220 VAC ±10%, 50Hz.
Retransmission Signal	: 0/4-20mA or 0/1-5 VDC Proportional To Input (On Order)
Enclosure	: Metal, 370X130X90mm (WHD), With Two Mounting Hole.
Environmental Operating Conditions	: Ambient Temperature 50° C, Humidity 90% Rh. max.

Input/ Range Chart (for Odering Information Purpose)

Input Type	Range Limit	Resolution
Pt-100 RTD (3Wire)	-199.9°C to +199.9° C	0.1° C
Pt-100 RTD (3Wire)	0°C to +199.9° C	0.1° C
Pt-100 RTD (3Wire)	0°C to +400° C	1.0° C
Fe-Const Thermocouple (ANSI J)	0°C to +600° C	1.0° C
Cr-Al Thermocouple (ANSI K)	0°C to +1200° C	1.0° C
Pt-PtRh (13%) Thermocouple (ANSI R)	0°C to +1600° C	1.0° C
Pt-PtRh (10%) Thermocouple (ANSI S)	0°C to +1750° C	1.0° C
0/4 - 20mADC	-1999° C to +1999° C	Up To 3 D.P.s
0/1-5 VDC	- 1999° C to +1999° C	Up To 3 D.P.s

Ordering Information for Model Selection

