

INPUT : Pt100



- Resolution : 0.1/1°C
- Battery : Standard 9V
- Display : 3 ½ digit, 0.5" LCD with maximum reading of 1999
- Accuracy : -150.0°C ~ 199.9°C : ±0.6 °C
-200°C ~ 600°C : ±2°C
- Large variety of probes for all applications

SPECIFICATIONS

All specifications at ambient of 25 °C, unless specified otherwise

ELECTRICAL

| | |
|-------------------------------------|--|
| Measurement range | -200°C ~ 700°C |
| Resolution | 1°C, 0.1 °C |
| Accuracy | -150.0°C ~ 199.9°C : ± 0.6°C -200°C ~ 600°C : ± 2°C |
| Temperature coefficient of accuracy | 0.1 x (applicable accuracy) / °C |
| Display update rate | 2.5 times per second |

ENVIRONMENTAL

| | |
|-------------------------|------------|
| Ambient operating range | 0 ~ 50°C |
| Storage temperature | -20 ~ 60°C |
| Relative humidity | 0 ~ 90% |

GENERAL

| | |
|------------------------------------|--|
| Display | 3½ digit, 0.5" (12.7 mm) liquid crystal display (LCD) with maximum reading of 1999 |
| Battery | Standard 9V battery (NEDA 1604, IEC 6F22) |
| Battery life | 100 hours typical with carbon zinc battery |
| Dimensions (in mm) | 130(H) x 66(W) x 17(D) |
| Weight | 150 gm |
| Over range/Sensor break indication | Display will indicate 1 |
| Battery replacement | "BAT" appears on the LCD display when replacement is needed See overleaf. These are to be ordered separately |
| RTD probes | |

ORDER CODE

2205

INPUT : Pt100

Standard RTD Probes To be ordered separately

Pt100, Class 'B'

| Sr.No. | Description | Dia(mm) | Length(mm) | Range (°C) | Order Code | Application Details |
|--------|--------------------------------|---------|------------|------------|------------|--|
| 1 | Standard Immersion | 5 | 300 | 0-250 | AC12001210 | Used for air & liquid immersion measurements. |
| 2 | Standard Immersion (M.I) | 5 | 300 | 0-400 | AC13001210 | Mineral Insulated (MI) type. Vibration and shock proof. |
| 3 | Standard Immersion (M.I) | 5 | 300 | -100-400 | AC13011210 | Mineral Insulated (MI) type. Vibration and shock proof, suitable for sub-zero temperature. |
| 4 | Quick Response Immersion (M.I) | 3 | 300 | 0-400 | AC13021210 | Mineral Insulated. Hence bendable and vibration proof. Fast responding. |
| 5 | Teflon Coated Immersion | 6 | 300 | 0-200 | AC12061210 | Special TEFLON coating allows use in corrosive acids and alkalies. |
| 6 | Needle Probe | 2 | 150 | 0-200 | AC12081210 | Very small diameter gives fast response in air and liquids. |
| 7 | Prick Probe | 4/3 | 50 | 0-200 | AC12121210 | For molten rubber, frozen food, etc. Heavy duty construction. |
| 8 | Air Probe | 8 | 300 | 0-250 | AC12141310 | For air or gas in ducts, chambers, etc. Exposed RTD element with perforated shield prevents radiation heating. |
| 9 | Air Probe | 8 | 300 | 0-400 | AC12151310 | For air or gas in ducts, chambers, etc. Exposed RTD element with perforated shield prevents radiation heating. |

Consult us for Class A accuracy, other sheath lengths, cable lengths, etc.

Product url : www.radix.co.in/accurad71.htm



SALES INQUIRIES

1800-22-radix
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www.radix.co.in

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BARODA C : 0-9376215882
CHANDIGARH C : 0-9313560869
CHENNAI C : 0-9381056345
CHHATISGARH C : 0-9337002344
COIMBATORE C : 0-9380284497
GOA C : 0-9371439090

GWALIOR C : 0-9301995060
HP C : 0-9313560869
HYDERABAD C : 0-9391053480
INDORE C : 0-9301995060
KARNATAKA C : 0-9341063830
KERALA C : 0-9341273814
NAGPUR C : 0-9322245543

NEW DELHI C : 0-9312600076
T : 011-25786350
ORISSA C : 0-9337002344
PUNE C : 0-9371113404
T : 020 24479759
PUNJAB C : 0-9316460869
0-9312600076