

## PORTABLE DIGITAL TEMPERATURE INDICATOR



**Model : PE 221 P**

- \* Available For All Types Of Thermocouples & RTDs.
- \* Compact And Small In Size.
- \* Indication In deg Celcius Or deg Farhenheit Or degree Kelvin.
- \* Automatic Cold Junction Compensation For T/C Types And Three Wire Measurement System For RTD Types

### TECHNICAL SPECIFICATIONS

**Ranges :** -50 To 1200 deg cel for Chromel-Alumel (K) Type -200 To 200 deg cel RTD (Pt-100)

**Display :** 3.1/2 Digit, LCD With LO BAT Indication

**Resolution :** 1 deg cel For T/C Type and 1/ 0.1 deg cel For RTD Type

**Accuracy :** 0.5% +/- 1 Count

**Power :** 9V Battery.

**Over Range/ Open Sensor Indication :** All Digits Blanked Except MSD

**Probe Connection :** 3 Pin MX Connector.

**Dimensions :** 145(H) X 80(W) X 30(D) Mm3

**Weight :** 200gms With Battery.

**Optional Accessories :** 1) Wooden carry case  
2) Sensors as per requirement

### PREMIER ELECTROSYSTEMS

3 & 204A, Planet Industrial Estate, Subhash Rd, Vile Parle (East), Mumbai : 400 057, INDIA

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## PANEL MOUNTING TEMPERATURE INDICATORS



**Model : PE 221**

### TECHNICAL SPECIFICATIONS

**Ranges :** Thermocouple J- Fe/K ( -50 to 750 deg cel)  
Thermocouple K - Cr/AL ( - 50 to 1200 deg cel)  
Thermocouple R- Pt 13 Rh/ Rh (0 to 1750 deg cel)  
Thermocouple S- Pt 10 Rh/ Rh (0 to 1750 deg cel)  
RTD- Pt 100 (-200.0 to 400.0 deg cel)

**Display :** 3.1/2 Digit, 0.5" Ht., White LED. **Resolution :** 1 deg cel For T/Cs and 1/ 0.1 deg cel For RTD

**Accuracy :** 0.5% +/- 1 Count

**Power :** 90-270 V AC/ DC.

**Compensation :** Automatic Cold Junction Compensation Using Solid State Circuit Over The Ambient Range 0 To 50 deg cel For T/C Type. Three Wire Measurement System For RTD Type.

**Dimensions :** 72 (H) X 72 (W) X 65 (D) mm  
96 (H) X 96 (W) X 65 (D) mm  
48 (H) X 48 (W) X 75 (D) mm

**Weight :** 200 gm.

#### Optional Facilities :

- 1) **Retransmission:** 0-20 mA Or 4-20 mA DC Current Or 0-1 DC Output.
- 2) **Serial Port Communication:** RS-485 Modbus communication
- 3) **PC Software:** For live display of temperature on Computer
- 4) Large Display Heights Of 1", 2", 4", 6" Or 8" For Distant Viewing.
- 5) Differential Temperature Measurements.
- 6) 2 process display simultaenously (Temperature/ Temperature, Temperature/ Humidity, etc.)

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## MULTIPOINT DIGITAL TEMPERATURE INDICATOR



**Model : PE 221-6**

### TECHNICAL SPECIFICATIONS

**No Of Channels : 6**

**Channel Selection : Manual By Rotary Selector Switch..**

**Channel Inputs : Terminal Strips Provided On Rear.**

**Dimensions : 96(W) X 96(H) X 90(D) All Other**

**Specifications As Per MODEL : PE 221**

**Options :**

Also Available MODEL : PE 221-12 With Number Of Channels - Twelve



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