

**PORTABLE DIGITAL THERMOMETER**

Model : PE 221 P



- \* Available For Various Types Of Thermocouples & RTDs.
- \* Compact And Small In Size.
- \* Indication In °C Or °F Or °K.
- \* Automatic Cold Junction Compensation For T/C Types And Three Wire Measurement System For RTD Types

**TECHNICAL SPECIFICATIONS**

<b>Ranges</b>	: -50° To 1200°C Chromel-Alumel (K) Type
	: -200°C To 200°C RTD (Pt-100)
<b>Display</b>	: 3.1/2 Digit, LCD With 'LO BAT' Indication
<b>Resolution</b>	: 1°C For T/C Type 0.1°C For RTD Type
<b>Accuracy</b>	: 0.5% ± 1 Count
<b>Power</b>	: 9V Battery.
<b>Open Sensor Indication</b>	: UP Scale. All Digits Blanked Except MSD(1)
<b>Probe Connection</b>	: Screw Type 3 Pin Connector.
<b>Dimensions</b>	: 145(H) X 80(W) X 30(D) Mm3
<b>Weight</b>	: 200gms With Battery.
<b>Options</b>	: 1) 'HOLD' Facility. 2) 'ON LINE' Temperature Measurement Of Electrically Live Objects Like heaters, Bus Bars, Switches, Transformers Etc. 3) Differential Temperature Measurement. 4) Multipoint. 5) Calibration For R,S Or T Thermocouples.

**PREMIER ELECTROSYSTEMS**

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

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## PANEL MOUNTING

Model PE 221



### **TECHNICAL SPECIFICATIONS**

- Range** : 20°C To 600°C (J Type) Iron/Constantan  
-50°C To 1200°C (K Type) Chromel/Alumel  
0°C To 400°C (T Type) Copper/Constantan  
1000°C To 1700°C (S Type) Pt-Pt.Rh 10%  
1000°C To 1700°C (R Type) Pt-Pt. Rh 13%  
- 200°C To 200°C (Pt-100) RTD
- Display** : 3.1/2 Digit, 0.5" Ht., Red LED. Resolution : 1°C For T/Cs  
0.1°C For RTD
- Accuracy** : 0.5% ± 1 Count
- Power** : 230 V AC ± 10% 50 Hz.
- Compensation** : Automatic Cold Junction Compensation Using Solid State Circuit Over The Ambient Range 0 To 50°C For T/C Type. Three Wire Measurement System For RTD Type.
- Open Sensor** : Indication Upscale. All Digits Blanked Except MSD (I)
- Dimensions** : 96 (H) X 48 (W) X 110 (D) Mm<sup>3</sup>
- Weight** : 1.5 Kg.
- Options** : 1) 0-20 MA Or 4-20 MA DC Current Or 0-1 DC Output.  
2) Also Available Size 96 (H) X 96 (W) X 40 (D).  
3) Large Display Heights Of 1", 2", 4", 6" Or 8" For Distant Viewing.  
4) Differential Temperature Measurements.

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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(In Mm)** : 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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