

General Specification:

- » 4 inch Red Color 4+4 Digit PV LED Display
- » Direct Fixed Input Temperature/Voltage/Current
- » High Quality MS powder coated Enclosure
- » Available ON/OFF, PD and Alarm Output
- » Power supply 230VAC ± 10 @ 50Hz
- » 7 segment 4 1/2 Digit Accuracy
- » Optional : Transmitter supply/RS485
- » Direct view Process PV1/PV2 Display
- » Optional : Green Color Display



Technical Specification:

Input Accuracy : ± 0.2 % of full scale
 Number Of Input : 2Nos (Fixed Temp/Voltage/Current)
 Sampling Rate : 100 msec
 Fixed Unit : $^{\circ}\text{C}$ / $^{\circ}\text{F}$ / %rH / Bar / % / m/s / ppm etc...
 Display : 4+4 Digit 4 inch LED
 Operating Voltage : 230VAC ± 10 @ 50Hz
 Power Connection : 3 pin power Connector
 Bezel dimension : 340(H) x 450(W) mm
 Unit dimension : 340(H) x 450(W) X 95(D) mm
 Weight : Approximately 3 kg
 Internal Temperature Reference : 0 to 60 $^{\circ}\text{C}$
 Range : -199 ~ 9999 and Resolution 1/0.1/0.01
 adjustable Linear Input only
 Control/Alarm output : Relay @ 5A/240VAC ,
 Power Supply Optional : 110VAC

Input:

Type	Fixed Range	Accuracy
K/N	0 ~ 1200 $^{\circ}\text{C}$	± 2.4 $^{\circ}\text{C}$
J	0 ~ 600 $^{\circ}\text{C}$	± 2.2 $^{\circ}\text{C}$
R/S	0 ~ 1600 $^{\circ}\text{C}$	± 3.0 $^{\circ}\text{C}$
Pt100	-50.0 ~ 400.0 $^{\circ}\text{C}$	± 0.5 $^{\circ}\text{C}$
Pt100	-50 ~ 400 $^{\circ}\text{C}$	± 1.0 $^{\circ}\text{C}$
Linear Input		
0 ~ 3/5VDC	-199 ~ 9999	± 0.2 %FS
0/ 4~20mA	-199 ~ 9999	± 0.2 %FS
Transmitter Supply Optional :		
5/9/12/24	VDC @ 30 mA	

Optional Sensors

Temperature/Humidity/Co2, Pressure, CO2, Air velocity Transmitter/Transducer etc ...

Application:

HVAC , Pharma and Chemical Industries
 Automotive , Testing and Calibration laboratory
 Manufacturing Process Temperature, Humidity, Pressure, Co2, Level, Air velocity etc...

Safety and Environmental:

Operating Range : 10 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$, 10% to 90% RH non-condensing
 Protection : IP65 for front bezel when mounted in panel
 Safety : Meets the requirements of EN61010-1 when installed in accordance with the instructions in the Manual.
 EMC : Meets the requirements of EN61326 and CE directive 89/336/EEC & EN12830
 Casing : MS powder coated. Mounting : Wall

ORDERING CODE :

Model :	TPI-44-C2	Display	Input	Output	Trx Supply
		RR-Red RG-Red/Grn GG-Green	K- 0 ~ 1200 $^{\circ}\text{C}$ J- 0 ~ 600 $^{\circ}\text{C}$ Pt-199 ~ 300 $^{\circ}\text{C}$ V-0 ~ 20mA C-0 ~ 10VDC	R-2xRelay S-2xSSR	N- None 5- 5 VDC 12- 12 VDC 24- 24 VDC

Certification:

RASCI INSTRUMENTS

An ISO/IEC 17025(NABL)
Certified Company



No. CC 2823
NABL ACCREDITED

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