

DIGITAL TEMPERATURE CONTROLLER

Single Set Point



TMP-488
96(W) X 96(H) X 120(D) mm.

Double Set Point



TMP-588
96(W) X 96(H) X 175(D) mm.

TABLE:-

Thermocouple	Range °C	Accuracy	Resolution
Iron/Constantan - (J)	-50 to 400	1 %	1°C
Chromel/Alumel - (K)	-50 to 1200	0.8 %	1°C
Pt/Pt 13% -Rh - (R)	800 to 1600	1 %	1°C
Pt/Pt 10% -Ph - (S)	800 to 1600	1 %	1°C
Copper/Constant (T)	-100 to 200	0.5 %	1°C
Pt 100	-50 to 500	0.5 %	1°C & 0.1 °C

DESCRIPTION:-

Digital Temperature Controller TMP-488 / TMP-588 is highly accurate & suitable to withstand industrial Environment. It accepts input from thermocouples J, K, R, S, T, OR PT-100, to provide you the wider operating range. It has built in cold junction compensation to provide reading more accurate under variation in Ambient temperature. The 13.0m.m height bright 7 segment L.E.D. display for easy read out. TMP-488 / TMP-588 is compact and of standard DIN size.

TECHNICAL SPECIFICATIONS:-

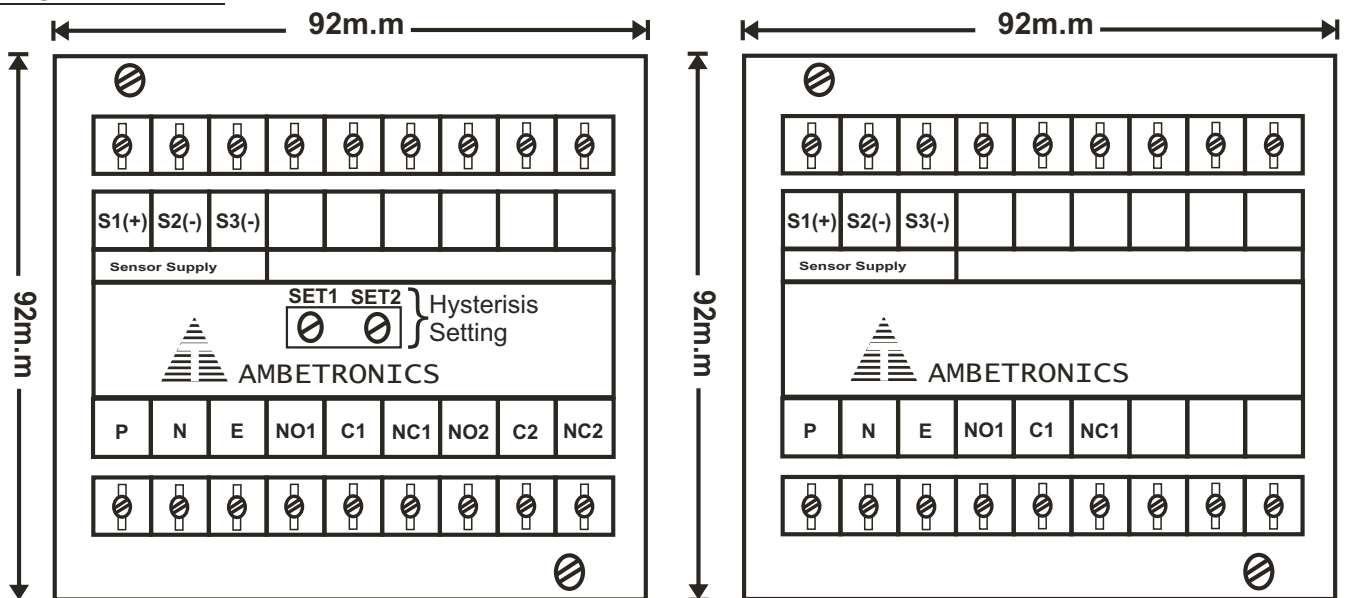
Display	:	3 1/2 digit, 13 m.m height 7 segment L.E.D.
Input	:	J, K, R, S, T, PT-100(2,3 Wire).
Range	:	Please refer table.
Accuracy	:	0.1% of full scale.
Output	:	1 NO/ C/NC, rated 6A at 230 VAC for both relay.
Supply Voltage	:	230Volt A.C. 10% 110Volt A.C. 10%, 50Hz
Resolution	:	Please refer table.
Setting	:	By set push button & coarse / fine potentiometer on front panel.
Control Action	:	ON/OFF or Time Proportional
Sensor Break	:	Display show '1' if sensor break (sensor open)
Dimension	:	96(W) X 96(H) X 120(D) in m.m. For TMP-488 96(W) X 96(H) X 175(D) in m.m. For TMP-588.
Cutout	:	92(W) X 92(H) in m.m.
Mounting	:	Panel Mounting.
Compensation	:	Built-in automatic compensation for J & K thermocouples.
Scan	:	2 reading per second.
Hysteresis	:	0 TO 10°C Selectable for ON / OFF action.
Operating Temperature	:	0-50°C

ORDERING INFORMATION:-

While ordering please specify.

- | | |
|--|-----------------------------|
| 1) Minimum/Maximum range required. _____ | 5) Detail application _____ |
| 2) Actual operating range Required. _____ | _____ |
| 3) Sensor type required. _____ | _____ |
| 4) a) ON / OFF action. <input type="radio"/> | _____ |
| b) Time proportional action. <input type="radio"/> | _____ |
| 5) Supply Voltage. _____ | _____ |

BACK VIEW:-



BACK VIEW - TMP- 588

BACK VIEW - TMP- 488

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DEALERS :