

CALSYS C-4004

High Accuracy Temperature Indicator Suitable for 6 RTD's and 10 T/C Types

CALSYS C-4004 is fully characterized for all major sensors (thermocouples such as B, C, D, E, J, K, N, R, S, T and RTD's like PT-100, PT-50, PT-10, PT-200, PT-500, and PT-1000). The instrument can be used in industries where high accuracy temperature measurement is essential. Two channel input provides A, B & A-B measurement on LCD Display. The device is providing exceptionally stable cold junction compensation with choices for user like Automatic, off and External.

CalsysC-4004 comes with front panel keys for easy operation like unit selection ($^{\circ}\text{C}/^{\circ}\text{F}$), Resolution (0.01/0.001) and Data Logging. Overall stability is optimized by utilizing high quality components with high precision. There are four input ports, two for thermocouple and two for RTD. In order to measure temperature suitable probe should be connected to TC & RTD input. The temperature measured by the device will be displayed in bigger fonts and the actual resistance (ohms) in case of RTD and voltage (mV) in case of Thermocouple will be displayed in smaller fonts. All channel details and configuration will be displayed on the LCD display. CalsysC-4004 can accept two RTD, or two Thermocouples or one RTD and one Thermocouple at a time. Measured temperature can be displayed from one of the inputs or Difference of both the input channels

KEY FEATURES

- ✓ High stability
- ✓ High accuracy of RTD measurement 0.01°C
- ✓ High accuracy of T/C measurement 0.1°C
- ✓ High Resolution
- ✓ Measuring inputs
- ✓ 10 Thermocouples B, C, D, E, R, S, T, N, J, K
- ✓ 6 RTD's PT-100, PT-10, PT-50, PT-500, PT-200, PT-1000
- ✓ Thermocouple reference junction external, internal and off
- ✓ Units $^{\circ}\text{C}/^{\circ}\text{F}$
- ✓ Data Logging 4000 values
- ✓ Suitable for 2/3/4 wire RTD.



SPECIFICATIONS

Display :	192x64 LCD Graphic panel with back light
Input :	2 Channel for RTD and Thermocouple via lemo 1- S series connector
Working Temperature :	Less than 95% non condensing condition
Storage Temperature :	-20 to +55 $^{\circ}\text{C}$
Mains Supply :	85-264 VAC/120-370 VDC 47-63 Hz
Data Logging :	Up to 4000 single channel Values can be stored along with date and time
Dimensions	224(H)x318(W)x9(D)mm

APPLICATIONS

- Direct Thermocouple measurement
- Direct RTD measurement