

Item 1:

INPUT TYPE	: THERMOCOUPLE 'K' TYPE , RTD- PT100 (atleast)
OUTPUT TYPE	: 4-20 mA
COLD JUNCTION COMPENSATION	: Automatic built in the controller
ACCURACY (Excluding CJC error)	: +/- 1 % FSD or better
Display Resolution	: +/- 0.1 DEG C or better
Display Range	: 0-300.0 DEG C or better
DISPLAY	: 4 or more digit digital display in DEG C
Programming	: FROM THE FRONT USING PUSH BUTTONS
ALARM SET POINT and actuation	: Two nos. of alarms (SP1 & SP2), freely
PROGRAMMABLE Hi/Low SETPOINTS FROM THE FRONT PUSH BUTTONS	
Hysteresis	: Freely settable from 1 - 10 DEG C or better
NO. OF CONTACTS	: 1 NO. SPST/SPDT potential free FOR EACH ALARM
SET POINT i.e. TOTAL 2 SPST/SPDT.	
CONTACT RATING	: 230 AC, 5 AMP or MORE
DIMENSIONS	: 48MM (W) X 48 MM (H), Depth:130 mm or less
POWER SUPPLY	: 110 - 240 V AC +/- 10 %, 50 Hz
AMBIENT TEMPERATURE	: Sustainable at 0- 60 DEG C or better
MOUNTING	: FLUSH MOUNTING ON PANEL
OTHER CONDITION	: SHOULD BE SUPPLIED WITH PROGRAMMING MANUAL
Warranty / Guarantee	: One Year

Item 2:

INPUT TYPE	: Temperature Inputs (Thermocouple 'K' type , RTD 3
wire Pt-100, user selectable)	
OUTPUT TYPE	: 4-20 mA
COLD JUNCTION COMPENSATION	: Automatic built in the controller for
thermocouple type input	
ACCURACY	: +/- 1 % FSD or better
Resolution	: +/-0.1 or better
RANGE	: CONFIGURABLE VIA KEYPAD
Display Range	: 0-50.0 DEG C or better
DISPLAY	: 4 or more digit digital display
DIMENSIONS / Size	: 96 mm (H) X 96 mm (W)
ALARM SET POINT and actuation	: Three nos. of alarms (SP1 , SP2 ,SP3) ,
PROGRAMMING	: Freely PROGRAMMABLE set value with selection of
HI/LOW/HI-HI/LOW-LOW	
Hysteresis / Differential	: Freely settable from 1 - 10 degC or better
NO. OF CONTACTS	: 1 NO. SPDT potential free FOR EACH ALARM SET
POINT i.e. TOTAL 3 SPDT	
CONTACT RATING	: 230 AC, 5 AMP OR MORE
Enclosure	: Weatherproof / IP-55 or better
POWER SUPPLY	: 230 V +/- 10% , 50 Hz AC ONLY
AMBIENT TEMPERATURE	: 0- 60 DEG C
MOUNTING	: WALL MOUNTING Type
OTHER CONDITION 1	: OPERATING/ PROGRAMMING to be provided
OTHER CONDITION 2	: ALL CONFIGURATION like input type, display range,

alarm / hysteresis setting etc. FROM THE FRONT USING PUSH BUTTONS

Warranty / Guarantee : One Year

Item 3:

Type Of Input: : Universal input e.g. Thermocouple (J,K,T,R,S) /

RTD (PT100) Single inputs (DC): - 0 to 10V, 0/4 to 20mA

ACCURACY : +/- 1 % FSD or better

Resolution : +/-0.1 or better

RANGE : USER CONFIGURABLE VIA KEYPAD

OUTPUT : 4-20 retransmission corresponding to range

DISPLAY : 4 or more digit digital display (preferably red colour)

DIMENSIONS / Size : 48 mm (H) X 96 mm (W)

POWER SUPPLY : 110 VAC - 240VAC , 50 Hz

AMBIENT TEMPERATURE : 0- 60 DEG C

MOUNTING : Panel MOUNTING Type

Enclosure : Weatherproof / IP-55 or better

OTHER CONDITION : PARTY TO PROVIDE OPERATING/ PROGRAMMING MANUAL AT

THE TIME OF SUPPLY

Warranty / Guarantee : One Year