8. SAFETY AND EMC STANDARDS.

Compliance	CE.
LVD	As per BS EN 61010.
EMC	As per BS EN 61326.
Panel sealing	IP66.

9. WEIGHT : PID500 : 195 gms ; PID110 : 250 gms ; PID330 : 295 gms

10. HOUSING : Flame retardant engineering plastic.

11. INPUT SENSOR RANGES (for 1°C resolution):

Sensor type	Range	Sensor type	Range
J	- 200 to 750°C	E	- 200 to 750°C
K	- 200 to 1350°C	B	+149 to 1820°C
T	- 200 to 400°C	N	- 200 to 1300°C
R	0 to 1750°C	L	- 200 to 600°C
S	0 to 1750°C	U	- 200 to 900°C
C	0 to 2300°C	W	0 to 2300°C
Platinel II	0 to 1390°C	PT100	- 100 to 850°C

Signal inputs:

Input type	Range
Linear mV	-5 to 56mV
Voltage	0 to 10 VDC
Current	0 to 20mA

12. INPUT SELECTION JUMPER ASSIGNMENTS :

NOTE : The following parameters have been modified.

Short respective pins of JP1 as per the table given below for hardware selection of input sensor types :

Input type	JP1
TC / RTD / LIN (mV)	(ED)
0 - 10V	(CB)
4 - 20 mA	(BA)

NOTE : Sensor selection to be done in Level 0 of programming also.

Levels	Function Prompt	Value or Selection	Factory Setting
Auxiliary Output Modes	[redacted]	_____	ALMn
	[redacted]	_____	dEU
	SEt2	_____	0
	Pb-C	_____	0.0
	CYC.t	_____	15.0
	HYSt	_____	1.0
	HYS.b	_____	0.0
	[redacted]	_____	dUHI
	LtCH	_____	OFF
	HOLd	_____	OFF
	ALMn	_____	En
	ANn	_____	OFF
	A-LO	_____	0
	A-HI	_____	1000
	S.Emr	_____	HIGH
Alarm 2 Module	[redacted]	_____	dUHI
	LtCH	_____	OFF
	HOLd	_____	OFF
	ALMn	_____	En
	ANn	_____	OFF
	SEt3	_____	0
	HYSt	_____	1.0
	HYS.b	_____	0.0

Levels	Function Prompt	Value or Selection	Factory Setting
Special Function	[redacted]	_____	NO
	[redacted]	_____	NO
	[redacted]	_____	PLY1/AOUt
	SSP	_____	OFF
	[redacted]	_____	OFF
	HAND	_____	OFF
	MAnP	_____	OFF
	RAtE	_____	100
	SOAK	_____	0
	OPEN	_____	AUtO
	FAIL	_____	0
	[redacted]	_____	0.0
	[redacted]	_____	1
	MOdG	_____	1.0
	[redacted]	_____	NO
	[redacted]	_____	NO
Communication	[redacted]	_____	9600
	[redacted]	_____	1
	[redacted]	_____	NONE
	[redacted]	_____	1

Calibration Certificate

selec

Model No: PID500-110-330

Claimed Accuracy: ± 0.25% of full scale ±1 digit (After 20min warmup time)

Standard used for calibration of the product is traceable to NABL

The calibration of this unit has been verified at the following values:

SENSOR	CALIBRATION TEMP (°C) (0.1 resolution)	DISPLAY VALUE (°C)	SENSOR	CALIBRATION VALUE (0.1 resolution)	DISPLAY VALUE
K	35.0	35.0	Voltage (VDC)	0.0	0.0
	700.0	700.0		10.0	10.0
	1350	1350			
PT100	0.0	0.0	Current (mA)	0.0	0.0
	500.0	500.0		20.0	20.0
	800.0	800.0			

The thermocouple / RTD curves are linearised in this microprocessor based product, and hence the values interpolated between the readings shown above are also equally accurate, at every point in the curve.

Unit is accepted as accuracy is withing the specified limit of claimed accuracy and certificate is valid upto one year from the date of issue.

Disclaimer : "This product is strictly for industrial use and for sale in non European countries only"