PID Temperature Controller

PID500 / 110 / 330

OPERATING INSTRUCTIONS

Doc. name: OP INST PID500-110-330 OP159-V05/d.

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Levels	Function Prompt	Value or Selection	Factory Setting
Output Parametrs	dAC	_____	1.0
	CYC.t	_____	USEr
	CYC.U	_____	15.0
	Any	_____	AUt0
	Any.P	_____	100.0
	AnL.P	_____	0
Zone Settings	2-no	_____	1
	2SP 1	_____	0
	Pb-1	_____	10
	It-1	_____	120
	dt-1	_____	30
	2SP2	_____	0
	Pb-2	_____	10
	It-2	_____	120
	dt-2	_____	30
	2SP3	_____	0
	Pb-3	_____	10
	It-3	_____	120
	dt-3	_____	30
	2SP4	_____	0
	Pb-4	_____	10
	It-4	_____	120
	dt-4	_____	30

Levels	Function Prompt	Value or Selection	Factory Setting
Auxiliary Output Modes	AODE	_____	ALMA
	SET2	_____	dEU
	SET2	_____	0
	Pb-C	_____	0.0
	CYC.t	_____	15.0
	HYSt	_____	1.0
	HYS.b	_____	0.0
	AL-1	_____	dUHI
	LtCH	_____	OFF
	HOLd	_____	OFF
	ALMA	_____	En
	AMM	_____	OFF
	A-LO	_____	0
	A-HI	_____	1000
	S.ERR	_____	HI GH
Alarm 2 Module	AL-2	_____	dUHI
	LtCH	_____	OFF
	HOLd	_____	OFF
	ALMA	_____	En
	AMM	_____	OFF
	SET3	_____	0
	HYSt	_____	1.0
	HYS.b	_____	0.0

Levels	Function Prompt	Value or Selection	Factory Setting
Special Function	HC		NO
	ZONE		NO
	GAIN		PLY1/AOUt
	SSP		OFF
	SOFt		OFF
	HAND		OFF
	MAnP		OFF
	MAtE		100
	SOAK		0
	OPEN		AUtO
	FAIL		0
	bIAS		0.0
	FtC		1
	MAdG		1.0
	StAd		NO
	MSEt		NO
Communication	bAUd		9600
	AddR		1
	PAP I		NONE
	StOP		1

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"