

Single Loop PID Controller

Material Code	Sl. No.	Technical Specification	
	1	Input	4 to 20mA DC
	2	Range	Calibrated as per customer requirement from front key pad
	3	Display	(a) 4 Digit , LED Light for Proces Value form 0.000 to 000.0
			(b) 4 Digit , LED Light for Set Point from 0.000 to 000.0
			(c) 3dlgt , LED Light or 21 segment bargraph for output
	4	Set-point	Programmable through scroll key
	5	Control Output	4 to 20 mA in max 600 ohm load
	6	Modes	Auto / Manual (In Manual mode output can be incresed /or decreased from front keypad)
	7	Control Action	Forward /reverse programmable
	8	Control Modes	P,PI and PID
	9	Proportional Band (P)	0 % to 999.9%
	10	Integral Action Time (I)	1 to 6000 second
	11	Derivative action Time (D)	1 to 6000 second
	12	Alarm	Two alarm provided on Process variable
	13	Output Relay	1NO + 1NC , rated at 230VAC ,5A resistive load
	15	Retransmission Output	4 to 20 mA (Isolated)
	16	Programming	All parameters programmable by splash proof front key pad
	17	Accuracy	$\leq \pm 0.2\%$ of FSD
	18	Mounting	Flush on panel
	19	Supply	230 V AC ,50Hz
	20	Dimension	Cutout : 92mmx92mm
			Bezel : 96mmx96mm
	21	Equivalent Model	Yokogawa (UT35A-000-11-00),Siemens (DR21)
	22	Make	Siemens,Honeywell,Yokogawa

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