



AMBETRONICS AN ISO: 9001 : 2000 COMPANY



MANUFACTURER OF TIMER , COUNTER , RPM & TEMPERATURE INSTRUMENTS & PROCESS AUTOMATION

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PROGRAMMABLE COUNTER MODEL PC - 201

CLASSIC FEATURES:-



72(W) X 72(H) X 120(D) mm.



96(W) X 96(H) X 120(D) mm.



96(W) X 48(H) X 120(D) mm.

- * Auto resolution R.P.S. or R.P.M.
- * R.P.S. (Revolution per second or pulse per second) or R.P.M. (Revolution per minute or pulse per minute) user selectable.
- * 2 Nos. LED used for RL1(Alarm1) & RL2, (Alarm2).
- * 11.059 MHz quartz crystal for high accuracy.
- * Two independent set points programmable in 3 different control actions, Like normally ON, normally OFF, pulse output.
- * Built-in watch-dog circuit for fail safe operation.
- * Relay output for each set point with NO / C / NC output.
- * +12VDC, 50mA built in supply for proximity, Infrared sensor.
- * Program setting by three soft membrane keys on the front panel.
- * Three different industrial sizes are available on request.
- * Remote & manual reset facility.

DESCRIPTION:-

PC-201 is the presetable programmable counter is a part Of the Ambetronics intelligent, microcontroller based Control instrument for realization of economic solution for Control Count problems. This can be widely used for Counting number of pieces, batch counter, preset counter Of cloths, cables, wires, ropes, sheet etc.

TECHNICAL SPECIFICATIONS :-

Display	: 5 digit of 13.0mm. height 7 segment red colour bright L.E.D display.
Range	: 0-9999 count, 5 digit / 0-99999, 5 digit is also available on request.
Accuracy	: Absolute.
Output	: 1NO / C rated 6A at 230VAC.
Resolution	: Auto resolution.
Time Base	: 11.059 MHz Quart crystal time base.
Set point	: 2 Independent set point setting via front panel key pad.
Relay Action	: Delay OFF, Delay ON, Pulse output (Programmable).
Sensor Supply	: +12Volt with 50mA capacity to operate proximity, Infrared, Switches etc.
Terminals	: 16No. PBT Connector for 2.5Sq.mm. Pin type lugs or 2.5 Sq.mm. wire.
Multiplier	: From 0.001 to 9999. Scale factor facility.
Count Mode	: Count Up, Count Down, (Programmable).
Reset	: Manual by pressing (-) keys or Remote (Reset) from back side connector.
Dimension	: 72(W) X 72(H) X 120(D) in mm. 96(W) X 48(H) X 120(D) in mm. 96(W) X 96(H) X 120(D) in mm.
Cutout	: 68(W) X 68(H) in mm. 92(W) X 44(H) in mm. 92(W) X 92(H) in mm.
Cabinet	: ABS Plastic, Black/White colour.
Mounting	: Panel Mounting.
Application	: Counting number of pieces, batch counter, pieces count of cloths, cables, wires, ropes, sheets etc.

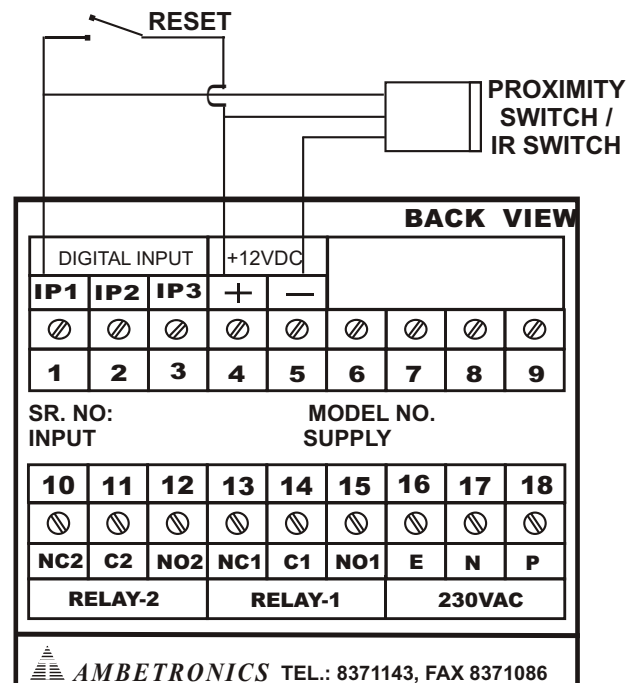
BACK VIEW

BACK VIEW	P	N	E	G	+ V	NC1	C1	NO1
	230 VAC			SENSOR SUPPLY		RELAY-1		
	1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16	BACK VIEW
			INPUTS		RELAY-2			
			IP2	IP1	NC2	C2	NO2	

SIZE: 96(W) X 48(H) X120(D) mm.

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SIZE: 72(W) X 72(H) X120(D) mm.



SIZE: 96(W) X 96(H) X120(D) mm.