

# PIC 1101 Process Indicator



## Features

- Two in depend programmable alarm output
- Selectable digital filter time : 0.0 to 10.0 Sec
- Input range selectable : -999 to 9999
- Programmable retransmission O/P (Optional)
- Transmitter Power Supply (Optional)

## Specification

<b>Input Type</b>	Voltage : 0 to 10V DC Current : 0 to 20mA DC / 4 to 20mA DC
<b>Range</b>	-999 to 9999 (For All I/P)
<b>Relay Output</b>	2 R1C/O (NO-C-NC)
<b>Retransmission Output</b>	4 to 20mA / 0 to 20mA (Factory Set)
<b>Transmitter Supply</b>	24V DC Transmitter Supply
<b>Accuracy</b>	±1% FSD ± 1 Digit

## LED Indication & Keys

<b>LED 1</b>	Relay1 LED
<b>LED 2</b>	Relay2 LED
<b>KEYS</b>	SET, INC, DEC, ENT

## Application

- 1) Monitoring of process parameters with digital display
  - Pressure
  - Level
  - Flow
  - Temp.
- 2) Measurement of PH, O<sub>2</sub> (oxygen), CO (Carbon Monoxide), PH, etc. Use of analytic transmitter.
- 3) Measurement of RPM from VFD use of analog signal.

## Input Type

Voltage	0 to 10V DC
Current	4 to 20mA DC / 0 to 20mA DC
I/P Filter Time	0.1 sec to 10 sec
Resolution	Decimal Point Selectable : 0.1, 0.01, 0.001, 0001
Range	-999 to 9999 (Fo all I/P)
Burden	<0.2 VA
Starting Current	60mA
Frequency	45.0 TO 65.0 Hz

## Output

Relays	2 Nos
Relay Type	1C/O (NO-C-NC)
Rating	10A, 230V AC / 30V DC
<b>Retransmission Output</b>	
DC Current	4 to 20mA / 0 to 20mA (Factory Set)
<b>Transmitter Output</b>	
Supply Voltage	24V DC, 30mA DC

## Display & Keys

Display	4 Digit, 7 seg. 0.56" Red LED Display
Key	SET, INC, DEC, ENT
LED	R1, R2

## Mechanical Dimension

Outline Dimension (mm)	Panel Cutout Dimension (mm)

## Auxiliary Power Supply

Power Supply	100 to 250V AC, 50/60Hz
Burden	4VA

## Physical

Mounting Type	Panel Mount
Size ( H x W x D )mm	96 X 96 X 53
Front Bezel ( H x W ) mm	96 X 96
Panel Cutout ( H x W ) mm	92 X 92
Depth Behind panel (mm)	53
Material	ABS
Accessory	2 Panel Mounting Clamp
Weight (gm)	
Enclosure Protection (As Per Request)	IP 65 ( Front Side )
Terminal & Cable Size	Barrier Type terminal Cable Size ( 2.5 mm <sup>2</sup> )

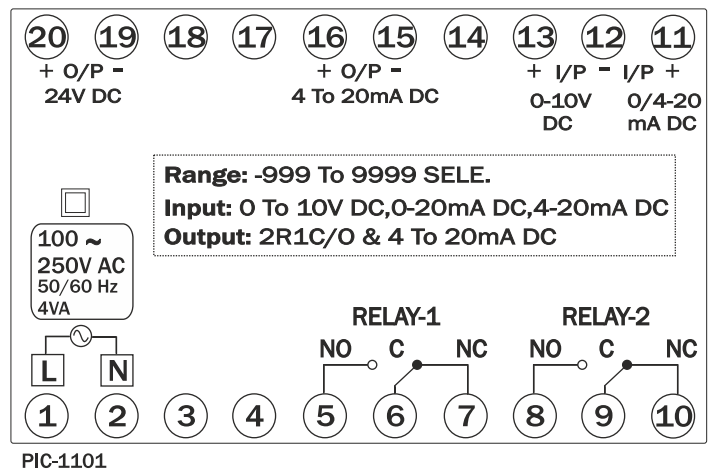
## Environmental

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

## Accuracy

±1% FSD ± 1 Digit

## Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
 Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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