

Wall Mountable Process Indicator



OVERVIEW

CPI 300W instruments measure and display process parameters like level, Pressure, Temperature, Flow, Vibration, Humidity, Wind Speed and more.

These instruments accept current input and convert them to the programmed process variable. Settings are saved in non-volatile memory and no battery backup is required. The user can program two independent display modes. Typical applications include Level and Volume display in the same instrument. These instruments also have the capability to switch on relay(s) based on user settings. These outputs can be used for process set points and alarms, and for controlling pumps. These instruments are wall mount instruments.

Optional features includes: RS485 / MODBUS network protocol, Upto 2 relays can be programmed using 4 setpoints and current output of 4-20mA.



ADVANTAGES

- 16 Character 2 Line Backlit LCD Display
- 4-20 mA or 0-20 mA current input
- 2 Wire / 3 Wire Compatible
- Linear, Square root, Lookup table conversion
- 0.05 % Accuracy
- 2 Programmable Indicating modes
- 4 Programmable Setpoints operating 2 relays
- RS485 / MODBUS Network
- Upto 250mA Instrument Powersupply
- Wall Mount Enclosure





CPI 300W SPECIFICATIONS

Power supply	220 VAC \pm 10 %
Power consumption	1 Watt maximum
Indication	16 character 2 line backlight LCD Display
No of Channels	1
Signal Type	4-20mA
Signal Maximum	Protected for 40mA continuous
Output Power	24V DC Regulated at 250 mA maximum (no fuse provided)
Relay output	1
Zero and Span	-19999 to 19999
Operating Temperature	0 to 50 Deg Cel
Conversion Type	Linear, Square root, Lookup table (16 points max.)
Operating Temperature	0 – 50 °C
Storage Temperature	0 – 60 °C
Humidity	0 – 80 non condensing
Accuracy	\pm 1 Count over a conversion range of 0 – 8192 counts
Program Variables	Saved in non-volatile EEPROM. No battery backup necessary. Data retention 100 years maximum
Programming Method	From keypad provided in the instrument
Housing	Wall mount
Optional	
Power supply	12 – 24 VDC (Factory settable only)
Signal Type	0-20mA (Factory settable only)
Output Power	12V DC Regulated at 250 mA maximum (no fuse provided)
Relay output	2
Communication	RS-485(MODBUS)