

SALIENT FEATURES

- Input from sensor / transmitter.
- 4 digit LED / LCD display.
- User friendly calibration.
- Alarm Setpoints programmable from front keyboard
- Cold junction compensation for TC input.
- Open Sensor detection.



DESCRIPTION

Electronet's Series DPC-200 WP are Process Indicators specially designed for various industrial applications in Hazard area mostly in Chemical and pharmaceutical industries. These can be used for monitoring & controlling parameters like Temperature, Pressure, Flow, Speed, Level etc. with the help of proper Sensors/Transmitters.

TECHNICAL SPECIFICATIONS

Input	: 1) RTD, Pt 100 - 3 wire	2) Thermocouple (J, K, R, S, T, B, E)
	3) Current (0-20 mA / 4-20 mA)	4) Voltage (0-5 V / 1-5V)
	5) Frequency (0-10 KHz)	
Display	: 1) 4 digit, 0.5", 7 seg. Red LED	2) 4 digit, 0.5", LCD
Range	: As per requirement - Factory Calibrated	
Engineering Unit	: As per requirement	
Accuracy	: Better than ± 0.5 % F. S., ± 1 digit	
Open Sensor Indication	: 1 on display for RTD & TC input/ for input 4-20mA display will be 25% of range	
Alarm Setpoints	: 02 Nos. For Hi-Lo limits Programmable through Front keypad.	
Alarm Output	: 1 c/o relay, 230 VAC @ 5 Amps resistive load.	
Retransmission Output	: 1) 4 to 20 mA DC Isolated / Non-isolated	2) 1 to 5 V DC Isolated / Non-isolated
Power Supply	: 1) 230 / 110 / 24 V AC, 50 Hz single phase ± 10 % 2) 24 V DC	
Transmitter Supply	: 24 V DC, 30 mA	
Power Consumption	: Less than 10 VA	
Temperature Drift	: Less than 0.01 % of F. S. per $^{\circ}$ C change	
Isolation	: 1.4 KV between Input, Output & Power Supply	
Response Time	: Less than 100 mSec	
Enclosure	: Reinforced Plastic IP-65, Weather Proof.	
Cable Entries	: 3/4" BSC/BSP -03 Nos. max.	
Mounting	: Wall Mounting Type	
Operating Temperature	: 0 - 55 $^{\circ}$ C	
Humidity	: 10 to 90% non condensing	

CODIFICATION FOR DPC 200 WP

CODE INPUT
01 : PT-100 RTD 3-WIRE
02 : THERMOCOUPLES
03 : 4-20MADC
04 : OTHER PLEASE SPECIFY

CODE RETRANSMISSION OUTPUT
01 : NONE
02 : 4 TO 20 MA DC, ISOLATED
03 : 1 TO 5 V DC, ISOLATED
04 : OTHER (PL. SPECIFY)

CODE TRANSMITTER SUPPLY
01 : NONE
02 : 24 V DC, 30 MA
03 : OTHER PL. SPECIFY

CODE POWER SUPPLY
01 : 110 V AC
02 : 230 V AC
03 : 24 V AC

DPI 200 WP 02

02


01

01

SAMPLE MODEL NUMBER

Due to our continuous product revisions, Design, Specifications and Model Numbers are subject to change without notice.

MANUFACTURED & MARKETED BY

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