

SALIENT FEATURES

- Input from sensor / transmitter.
- ON / OFF control output.
- 3 ½ digit / 4 ½ digit LED / LCD display.
- User friendly calibration through software.
- The control points are settable through key pad on front fascia.
- Cold junction compensation for TC input.
- Open Sensor detection.

DESCRIPTION

Electronet's Series DPC-012 are Process Indicator / Controllers specially designed for various industrial applications. These can be used for monitoring and controlling parameters like Temperature, Pressure, Flow, Speed, Level etc. with the help of proper Sensors/Transmitters. The control points are settable through the potentiometers on front fascia and control output is available at the rear end.



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	: 4 Digit, 0.5", 7 Seg Red Led
Range	: As per requirement - Factory Calibrated
Engineering Unit	: As per requirement
Accuracy	: Better than $\pm 0.5\%$ F. S., ± 1 digit
Type of Control	: ON / OFF
Alarm Output	: Potential free Relay Contacts - for High & Low
Contact Rating	: 1 c/o, 1 Amp. @ 230 V AC
Open Sensor Indication	: 1 on display for RTD & TC input
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 $\pm 10\%$ 2) 24 V DC
Transmitter Supply	: 5 - 24 V DC, 30 mA
Power Consumption	: Less than 10 VA
Temperature Drift	: Less than 0.01% of F. S. per $^{\circ}\text{C}$ change
Isolation	: 1.4 KV between Input, Output & Power Supply
Response Time	: Less than 100 mSec
Enclosure	: Al. Die-cast IP-65 Gr1, IIA, IIB Certified by CMRI Dhanbad
Cable Entries	: 3/4" BSC/BSP -09 Nos. max.
Mounting	: Flush of the Panel
Weight	: 1 Kg. (Approx.)
Operating Temperature	: 0 - 55 $^{\circ}\text{C}$
Humidity	: 10 to 90% non condensing

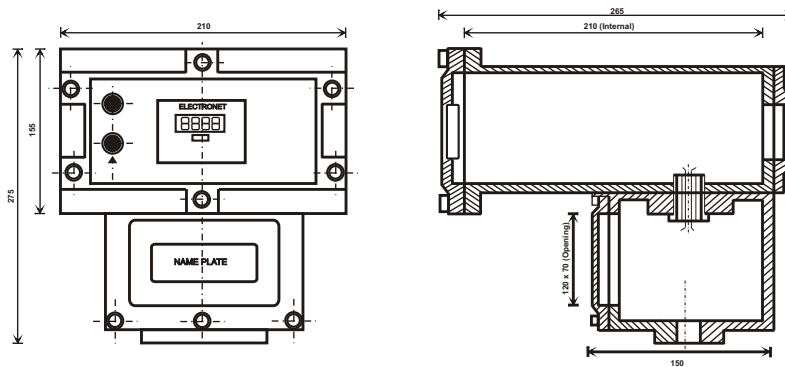
CODIFICATION FOR DPC 200 FLP

CODE	INPUT
01	: PT-100 RTD 3-WIRE
02	: THERMOCOUPLE
03	: 4-20MADC
	CODE ALARM OUTPUT
	01 : NONE
	02 : HIGH
	03 : LOW
	04 : HIGH & LOW
	CODE RETRANSMISSION OUTPUT
	01 : NONE
	02 : 4 TO 20 MA DC, ISOLATED
	03 : 1 TO 5 V DC, ISOLATED
	CODE TRANSMITTER SUPPLY
	01 : NONE
	02 : 24 V DC, 30 MA
	CODE POWER SUPPLY
	01 : 110 V AC
	02 : 230 V AC
	03 : 24 V AC

DPC 200FLP 02 03 01 01 02

SAMPLE MODEL NUMBER

MOUNTING DETAILS



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

MANUFACTURED & MARKETED BY

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