

### SALIENT FEATURES

- Input from sensor / transmitter.
- 3 ½ digit 1" LED display.
- User friendly calibration.
- Cold junction compensation for TC input.
- Open Sensor detection.



### DESCRIPTION

Electronet's Series DPI-151 are Process Indicators specially designed for various industrial applications in Chemical and Pharmaceutical Industries in Gaseous and hazardous areas.. These can be used for monitoring parameters like Temperature, Humidity, 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)
Display	:	3 ½ digit, 1", 7 seg. Red LED	
Range	:	As per requirement - Factory Calibrated	
Engineering Unit	:	As per requirement	
Accuracy	:	Better than $\pm 0.5\%$ F. S., $\pm 1$ digit	
Open Sensor Indication	:	1 on display for RTD & TC input	
Retransmission Output	:	4 to 20 mA DC Isolated / Non-isolated	
Power Supply	:	1) 230 / 110 / 24 V AC, 50 Hz single phase $\pm 10\%$	
		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 $^{\circ}\text{C}$ 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 -02 Nos. max.	
Mounting	:	2" Pipe Mount	
Weight	:	5 Kg. (Approx.)	
Operating Temperature	:	0 - 55 $^{\circ}\text{C}$	
Humidity	:	10 to 90% non condensing	

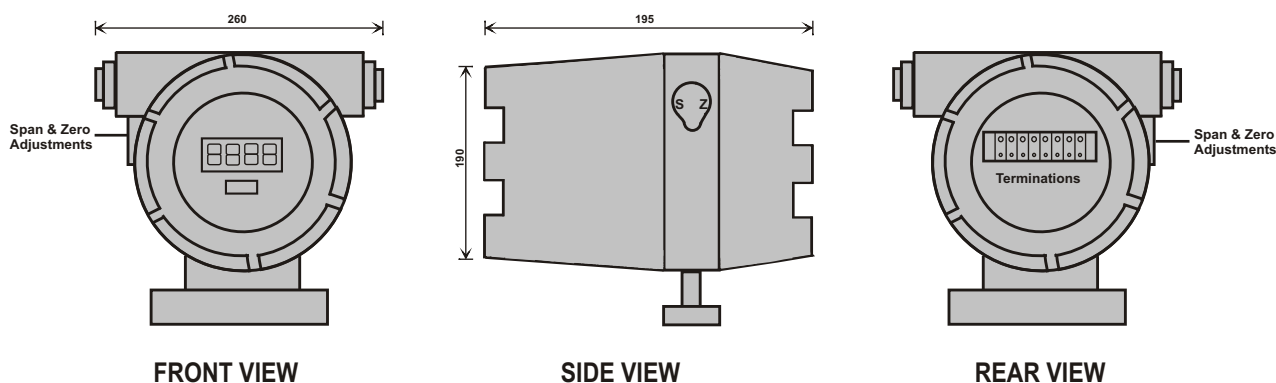
## CODIFICATION FOR DPI 151

CODE	INPUT				
01	:	PT-100 RTD 3-WIRE			
02	:	THERMOCOUPLES			
03	:	4-20MADC			
			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
			04	:	24VDC

DPI 151    02    02    00    01    FLP

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

**ELECTRONET EQUIPMENTS PVT. LTD**  
 PROCESS CONTROL INSTRUMENTS & AUTOMATION

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