FLP EIGHT POINT TEMPERATURE SCANNER

DPI-08-F

Polmon's series of Temperature instruments are specially designed and manufactured for the measurement of Temperature in process industries like Chemical, Pharmaceutical, Cement etc. where temperature plays a vital role and its measurement require being accurate.

Features

- 3 wire RTD lead wire resistance compensation
- 3-point calibration for RTD input
- High Intensity 1", 3 ½ Digit Display
- Sensor open/burn out indication
- Auto channel selection (Manual mode - optional)
- Test & Calibration certificate traceable to national standards

Applications

- Bulk Drug Industries
- Pharmaceuticals
- Mines
- Petrochemical Industries

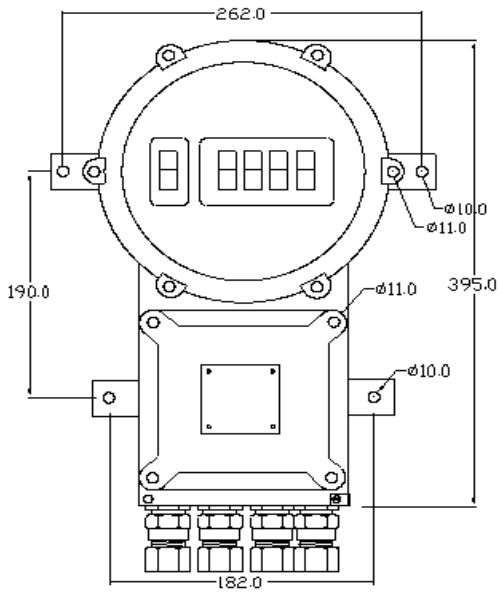
Specifications

Technical				
Model No.	DPI-08-F-1-I-3	DPI-08-F-2-I-3	DPI-08-F-3-I-3	DPI-08-F-4-I-3
No. of Inputs	8			
Input type	RTD Pt100 (DIN 43760 Std.) 3 Wire		J-Type Thermocouples	K-Type Thermocouples
Measuring Range	-50.0°C to 199.9°C	-50°C to 350°C	0°C to 500°C	0°C to 1200°C
Accuracy	±0.1% of FSR		± 1.0 % of Full Scale	
Resolution	0.1°C	1°C	1°C	
Calibration	3 point calibration (0%, 50%, 100% of Full scale)		Zero - Span	
Display	3 ½ digit, 1" Seven Segment Red LED's for PV 1 digit, 1" Seven Segment Red LED's for Channel no.			
Scan Rate	4 sec/ch			
Channel Selection	Auto/Manual			
Power Supply				
Input Supply	220V AC, 50 Hz, 10 VA			
Physical				
Enclosure	Aluminium Flame Proof and Weather Proof Dual Chamber For Gas Gr.IIA, IIB Explosive atmospheres.			
Mounting	Wall mounting			
Weight	10.5 Kg (approx.)			
Cable Entries	7No's ¾"ET (Separate 8way JB & 6Core Cable to be used for RTD Sensor 4No's wiring)			
Glands/Dummy	Not Provided (Order Separately)			
Environmental				
Operating temperature	10 to 60°C			
Humidity	10-95%RH, Non condensing			

Ordering Information for DPI-08				
DPI-08	**X**	**X**	**X**	**X**
Model No	*Enclosure Type*	*Input Type*	*Auto/Man Selection*	*Digit DPM*
DPI-08	F – FLP	1 – RTD low	E – External*	3 – 3 1/2digit
		2 – RTD High	I – Inbuilt	
		3 – J Type		
		4 – K type		

Note: * AL – 141 Order Compulsory

MECHANICAL DRAWING OF DPI-08-F



Head Office: POLMON INSTRUMENTS PVT.LTD
(AN ISO 9001: 2015 Certified Company)
"POLMON HOUSE" Nizampet Road, Kukatpally, Hyderabad–500085
Ph No: 040-23053046, 23057308
e-mail: polmon@polmon.com URL: www.polmon.com

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