

FLP TEMPERATURE INDICATOR

DPI-01-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

- Flame Proof Enclosure for Zone1, Zone2 Gas Gr.IIA, IIB
- 3 wire RTD lead wire resistance compensation
- 3-point calibration for RTD input
- High Intensity 1", 3 ½ Digit Display
- Dual-compartment housing provides the highest reliability
- Sensor open/burn out indication
- Test & Calibration certificate traceable to national standards

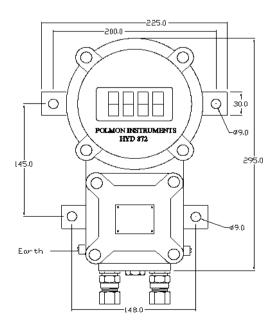
Applications

- Bulk Drug Industries
- Pharmaceuticals
- Mines
- Petrochemical Industries

Specifications Technical Model Number DPI01-F-1-3 DPI01-F-2-3 DPI 01-F-2-4 DPI 01-F-3-3 DPI 01-F-4-3 No. of Channel 1 RTD Pt100 (DIN 43760 Std.), 3 Wire J-Type Thermocouples K-Type Thermocouples Input type -50.0°C to 199.9°C -50°C to 350°C 0°C to 500°C 0°C to 1200°C Measuring Range -50°C to 350°C Accuracy ± 0.1 % of Full Scale (or) ±1 count ± 1.0 % of Full Scale 0.1°C 1°C 1°C 1°C Resolution 4-20mA @ load 500Ω No output Analog output ±0.05mA NA Analog output Accuracy 3 Point calibration (0%, 50%, 100% of full scale) Zero-Span Calibration Cold junction compensation Automatic 1", 7segment, high intensity Red (3 ½ or 4 digit) Power supply 220V AC, 50Hz, 10VA Input Supply Physical Aluminium Flame Proof and Weather Proof Dual Chamber For Gas Gr.IIA, IIB Explosive atmospheres. Enclosure Wall mounting Mounting 6.5 Kg (approx.) Weight 3No's 3/4"ET Cable Entries Not Provided (Order Separately) Glands/Dummy Environmental Operating temperature 10 to 60°C Humidity 10-95%RH, Non condensing

Ordering Information for DPI01F			
DPI01	X	Х	X
Model No	Enclosure	Input Type	Digit DPM
DPI01	F- FLP	1- RTD Low Temp	3- 3 ½digit
		2- RTD High Temp	4- 4 digit
		3- J type	
		4- K type	

MECHANICAL DRAWING OF DPI01F



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