

FLP TEMPERATURE CONTROLLER/ALARM

MODEL No: DPI-01C-F

*** Best for ON/OFF Control

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 & control require being accurate.

Over 10 years of dedicated research has led to design of very reliable series of Temperature/Process indicators. The instruments are versatile, easy to install & have wide options to suit customer requirements.



FEATURES:-

- ❖ High Intensity 1" 3 ½ Digit Display
- ❖ Built in RTD sensor linearization
- ❖ Test & Calibration certificates traceable to National Standards
- ❖ Sensor open/burnout indication.
- ❖ Visual alarm options.
- ❖ Various optional control modes.
- ❖ Dual-compartment housing provides the highest reliability in harsh industrial environment.

SPECIFICATIONS:-

Enclosure	Flame Proof and Weather Proof Dual Chamber For Gas Gr.IIA, IIB Explosive atmospheres in accordance With IS: 2148-2004 & IS:12063-1987 CIMFR CERT.NO: CIMFR/TC/P/H760	
NO. of Inputs	1	
Input type	RTD Pt100 (DIN 43760 Std.), 3 Wire	
Measuring Range	-50°C to 200°C (RTD Low)	-50°C to 350°C (RTD High)
Resolution	0.1°C	1°C
Accuracy	± 0.1 % of Full Scale (or) ±1 count	
Calibration	3 point calibration (0%, 50%, 100% of Full scale)	
Cold junction compensation	NA	
Display	3 ½ digit, 1", 7 Segment, high intensity Red LED's	
Mounting	Wall mounting	
Instrument Earth	Provided	
Control Type	On/Off	
Control modes & Control O/P (Optional Visual Alarm)	Control Modes⁺	Control outputs
	Heat/Cool	1 NO/NC 220V AC , 2 Amp.
Environmental Ranges	1. Operating temp. :	5 to 45 °C
	2. Storage temp. :	5 to 65 °C
	3. Humidity :	Less than or equal to 80% RH non-condensing.
Power	220V AC, 50 Hz, 10 VA.	
Weight	6.5 Kg (approx.)	

⁺ For other control models ask for DPI-10F product catalogue.

Standard Supply:-

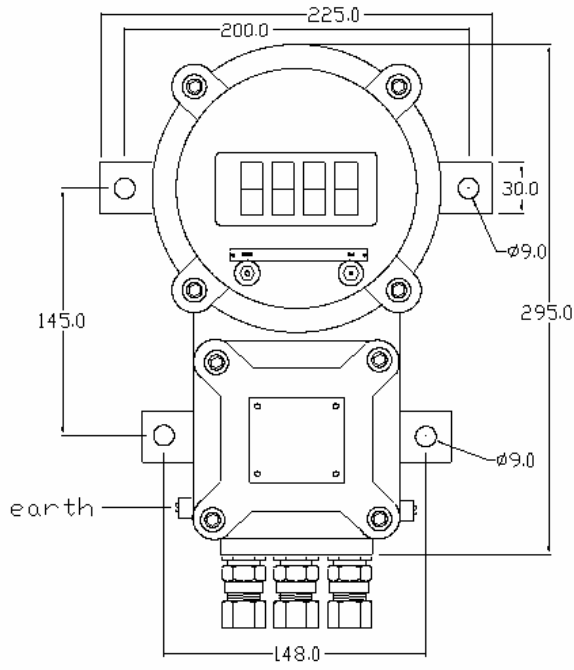
- Test & calibration certificates.
- Instruction manual.
- Warranty certificate.

Optional Accessories*:-

- Temperature Calibrators.
- Temperature sensors.
- FLP DC Glands

* Ask product catalogs for more information.

Mechanical Drawings:-



All Dimensions are in mm.
Tolerance : ± 5 mm.

Ordering Information: -

Contact factory for Variants

APPLICATIONS:

This instrument is designed for measurement of process temperature & control in explosive environments like:

- Bulk Drug Industries
- Pharmaceuticals
- Mines
- Petrochemical Industries.
- Typical application areas include Batch process, Oven temperature measurement, boiler, generator etc.

For Further Information Contact:

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