

Dewpoint Monitor

MODEL PDPM1001



Features

- Patented auto calibration to ensure accuracy
- Polymer sensor technology for fast response times
- Sensor is immune to water, particulate contamination, oil vapor and most chemicals
- Visual and audible alarms for high dew point (includes dry contacts)
- Dew point purge control feature to control desiccant air dryers

Engineering Specifications

Dew Point Range: -60°F to +54°F

Sensor Output: 0V-5V

Alarm Indication: Audible Alarm, Red Alarm Light with push to test, and push to acknowledge

Alarm Output: 10 AMP @ 115 VAC Rated Normally closed Contact.

Alarm Horn: 95± dB(A), at 120 VAC, at 24 inches (61 cm), at 25°C

Alarm Set Point: +35°F (2.2°C) high alarm

Dryer Control Signals: 10 AMP @ 115VAC Rated Normally Open Contact

Dimensions: 9.1" x 5.5" x 5"

Net Weight: 5 lbs.

Enclosure: UL Listed Polycarbonate NEMA-4X Electrical Box.

Power Requirements: 110-120VAC

Fuse: Type FNM 1.25-amp

Operating Pressure: 10-150 psig with a minimal flow rate

Operating Temperature: 32°F to 131°F

Model	Dew Point Range	Enclosure	High Alarm	Contact Open for Purge rate fixed mode	Contact Closed for Purge Saver mode
PDPM1001JJ*	-60°F to +54°F	NEMA 4	+35°F	-10°F to +54°F	Below -15°F
PDPM1001AJ	-60°F to +54°F	NEMA 4	+35°F	-10°F to +54°F	Below -15°F
PDPM1001JL**	-60°F to +54°F	NEMA 4	+40°F	N/A	N/A
PDPM2001AJ	-148°F to +32°F	NEMA 4	Specified	N/A	N/A

*-JJ model comes with power cord. -AJ model does not.

** -JL model is commonly used with refrigerated dryers.