![3DPROTOTECH logo]

MGD1011-80-AO

Dew Point Monitor with Analogue Output

Industry
- Food packaging
- Industrial
- Medical
- Robotics.

Feature
- Fast response
- Dryer purge control
- Dew point alarm, visual and remote connection
- Easy to install
- Dew point sensor with auto-calibration
- Calibration interval of two years
- NIST traceable dew point sensor certification
- NFPA 99 compliant
- C/UL508 certified
- User customizable setting on site
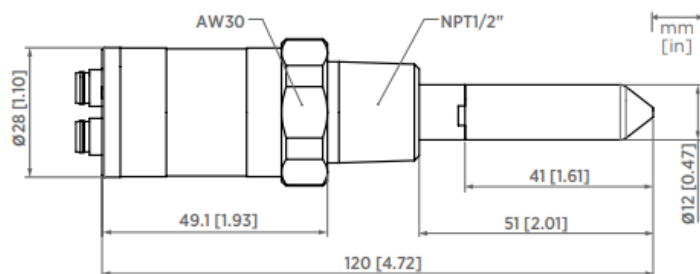- 4-20mA signal output for remote dew point monitoring

Moisture in airline issue, GONE

Connecting compressed air to highly sensitive equipment that needs moisture control? The 3D Prototech Dew Point Monitor keeps track of the dew point and alert you when the dew point is too high. This will save you from damage on expensive equipment repair.
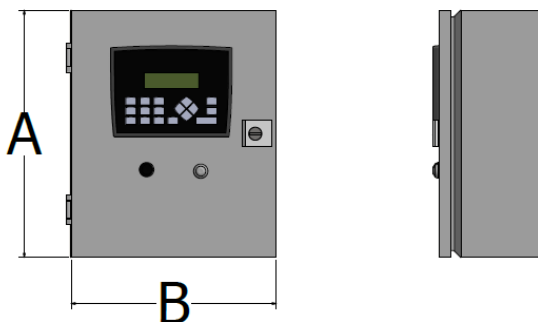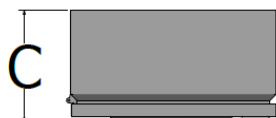
Purge Control

Heatless regenerative desiccant dryer is known to provide one of the best dry air available in the market. Operation of the dryer requires huge amount of air. This air is wasted during the purge cycle. With the 3D Prototech Dew Point Monitor, you can connect and control the purge on/off on the dryer based on the dew point of the system, saving you money on the electrical bill and reduce the wear on the compressors.

Specification

Performance	
Measurement range (dp)	-80°C to +20°C pressure dew point (-112°F to 68°F)
Accuracy (dp)	±2°C dew point (±3.6°F)
Tractability	NIST tracable
Monitor	
Enclosure	NEMA 12
Power Supply	120VAC
Current consumption	0.8 Amps Max.
Display	STN LCD with LCD backlight
Data Display	Dew Point (°C or °F)
Electrical output	Dry contacts for dryer purge control and remote dew point alarm
Alarm Indicators	On screen with red light
Size	12" x 10" x 5" (AxBxC)
Weight	10 lbs
Operating Condition	
Operating humidity of sensor	0-100% RH
Operating temperature	0°C to +60°C (32°F to 140°F)
Operating pressure of sensor	5MPaA (50 bara/ 725psia) max

*Optional sample block accessories available

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