

Compressed Air & Gas Drying and Filtration Equipment

Stable and reliable polymer sensors have been used for relative humidity measurement for decades. Their drawback has been they were not accurate in very low dewpoint ranges - *Until Now...*

StylAir's Type 6N Dewpoint Sensor combines the proven characteristics of long-term stability and rugged design with a far wider operating range. The operating parameters have been expanded to cover applications where measurement of low moisture content is critical to process measurement. This list includes (but is certainly not limited to) industrial and manufacturing processes found in food, metal, paper/wood, pharmaceutical, plastics, oil & gas, petrochem and other markets.

- The StylAir Type 6N Dewpoint Monitor is a high performance, wide range dewpoint monitoring instrument for compressed air and other inert gases.
- It is designed for industrial applications where a rugged, reliable, maintenance-free instrument is required.
- Long term performance is assured due to the sensor's ability to get completely wet - particularly important in installations that occasionally experience process water spikes due to pipeline condensation, start-up or failure conditions.
- The sensor is also immune to particulate contamination, oil vapor and most chemicals.
- Our type 6N has one of the longest calibration intervals available - typically two years.
- The 6N uses a patented auto-calibration procedure to detect measurement inaccuracies and automatically make corrections to the calibration curve. Auto-calibration works while the process is running and usually the user will not even realize it has taken place.

Sensor Type: Thin-film Capacitive Polymer
Sensor Pressure Rating: 300 PSIG standard
System Pressure Rating: 300 PSIG
Dew/Frost Point Range: -60°C to +20°C (-76°F to +68°F)
Accuracy: ±2°C from -65°C to +20°C
Relay Outputs: (2)* Form A SPST (0.5a max@24VDC/120VAC)
*The standard model has the "HI setpoint" output wired to the alarm light on the instrument. The "LO setpoint" is wired to terminals in the panel.
Analog Outputs: (1) 4-20 ma (wired to terminals in the panel)
The analog output is scaled to the range of the instrument.
Dimensions: 8"W x 12"H x 6"D

STYL AIR

6N Series Digital Dewpoint Monitor



- Easy operation - Simply connect a 1/4" sample line to the inlet connection. The system is complete with integral sample cell and sample valves. Dewpoints can be measured at atmospheric or line pressures.

- Excellent choice for dewpoint demand upgrade or retrofit to older dryers.

- Also available as a stand alone dewpoint transmitter.

STYL AIR StylAir, LLC
161 Woodford Avenue
P.O. Box 7014 Plainville, CT 06062

Visit Our Website: WWW.STYL-AIR.COM

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Ph (860) 747-4598 Fax (860) 792-9720