

HTF™ Dewpoint Sensors



Performance advantages:

- High Accuracy and Repeatability
- Negligible Temperature Coefficient
- No Ageing Drift
- Fast Response
- Rugged Construction

For more information on performance advantages, please visit the Technology section

Sensor Specifications:

Sensor type:	Hyper Thin Film AL2O3
Sensor dewpoint range:	XTR-100: -148°F to +68°F (-100°C to +20°C) XTR-65: -85°F to +68°F (-65°C to +20°C) XTR-80R: -112°F to +32°F (-80°C to 0°C)
Capacitance:	15 nF to 200 nF
Accuracy:	±5.5°F (± 3°C)
Temperature operating range:	-22°F to 104°F (-30°C to +40°C)
Pressure operating range:	250 PSI (17 bar)
Storage temperature:	-40°F to +120°F (-40°C to 50°C)
Calibration method:	Sensor saturates at any ambient dewpoint, above +68°F (+20°C)
Sensor holder connections:	14mm x 1.25 mm threads, and 3/4"-16 threads
Sensor electrical connections:	Female BNC connector PAL Connector optional
Sensor cable:	Coaxial cable (75 & Mac189; with maximum capacitance of 50 pF/m). Maximum cable length: 1000 m

