



## PRODUCT SPOTLIGHTS

### Easidew Two-Wire Transmitter (Capacitive)

Transmitters available for measuring moisture in heat-treating, pharmaceutical, electric utilities, semiconductor and general industrial applications.

- Dewpoints from -148F to +68°F
- Pressures to 5000 PSIG
- C, F and PPMV
- 4-20 mA output

[Download the Easidew Transmitter Data Sheet](#)



### Easidew Pro Intrinsically Safe Transmitter (Capacitive)

Transmitters available for measuring moisture in hazardous locations (NEMA Class I, Division 1) including natural gas and petro-chemical applications.

- NEMA Class I, Division 1, Groups A, B, C, D
- Dewpoints from -148F to +68°F
- Pressures to 5000 PSIG
- 4-20 mA output

[Download the Easidew PRO IS Transmitter Data Sheet](#)



### Optidew Chilled Mirror Dewpoint Hygrometer (Optical)

Fundamental measurement of dewpoint using the chilled-mirror principle offers the ultimate in accuracy and response speed.

- Dewpoint, temperature and RH measurement
- Range: -40 to +194°Fdp; 0.5 to 100% RH
- Accuracy:  $\pm 0.36^\circ\text{F}$  dewpoint
- Analog and digital outputs; Alarm relay
- Transmitter and digital display models available

[Download the Optidew Data Sheet](#)



## APPLICATION INFORMATION



### Focus on Sulfur Hexafluoride (SF6):

Most electric utilities and independent power producers use Sulfur Hexafluoride (SF6) as an arc quenching and insulating gas in high voltage circuit breakers and switchgear installed in their electrical transmission and distribution systems. These circuit breakers require periodic maintenance, including a check of the moisture content of the SF6 gas - typically in the range of 50 to 100 PPMv (-50 to -40°F dewpoint). Historically, customers have used portable hygrometers to measure the moisture content of SF6 by shutting down the circuit breaker, extracting a sample of the gas from the breaker, flowing the sample through the hygrometer and venting the gas to atmosphere during the measurement process.

[Download Moisture Measurement in SF6 Application Note](#)

[Download High Voltage Switchgear and SF6 Application Note](#)

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