

PRESS RELEASE

April 2022

New Advanced Generation: Rotronic High-End Meteorological %RH Probe HC2A-S3A

Rotronic has been supplying meteorological applications such as weather stations, snow canons, and building management systems for years. We know their demanding environments and the best measurement solutions for detecting and monitoring air humidity and temperature.

In close cooperation with specialists from leading weather forecast companies – especially in the agricultural sector - we have developed a new Rotronic humidity meteo probe generation. The advanced high-end HC2A-S3A provides even higher reliability and long-term stability and sets new standards among the non-heated temperature and humidity probes for meteorological applications.



Highlights of the new Humidity Probe Generation

- New HYGROMER HM1 Sensor design with additional coating and protection
- Accuracy: ± 0.8 %rh, ± 0.1 K @ 23°C
- Measurement Range from 0...100 %RH and -50...80 °C
- Up to 4 times faster drying after condensation
- Offering low power consumption (in comparison with heated probes)
- Dew-point temperature for continuous loads is 60 °C dp, short-term 80 °C dp
- Optimized for harsh environments with high humidity, wide temperature ranges, and polluted air (such as sea salt, agricultural chemicals, and dust).

The complete Rotronic Meteo Portfolio

The proven HC2A-S3 standard humidity probe will remain in the portfolio as a cost-effective solution for less harsh environments. Naturally or actively ventilated shields are offered as possible accessories. The range is rounded off with a comprehensive calibration offer.

- END -

About Rotronic

Rotronic is part of Process Sensing Technologies (PST) and offers industry-leading measurement devices for relative humidity, temperature, carbon dioxide, differential pressure, and water activity used in all industries where superior measurement accuracy, stability, and reliability are essential. With over 55 years of experience, the Rotronic brand stands for Swiss precision specialized in measurement instrumentation and innovation, such as RMS, a modular real-time environmental monitoring system that enables regulated pharmaceutical customers to meet specific FDA/EU regulations and also supports customers within industrial applications to focus on product quality.

About Process Sensing Technologies

Process Sensing Technologies (PST) provides an unmatched suite of instruments, analyzers and sensors for precision measurements and monitoring in highly demanding end markets. These range from pharmaceutical/ life sciences, speciality gases, semiconductors, O&G, petrochemicals and power to gas detection, food and beverage and building automation.

PST brings together well-established brands, each of which are trusted for the precision and reliability of their products, strong innovation and singular focus on customer service. With a history of development and innovation starting in 1965 and continuing to the present day, we look forward to many more milestones to come.

For marketing inquiries, please contact:

Ursula Mian, Marketing Manager | PST Rotronic | Humidity & Monitoring Division

Tel: +41 44 838 13 05

Email: ursula.mian@processsensing.com