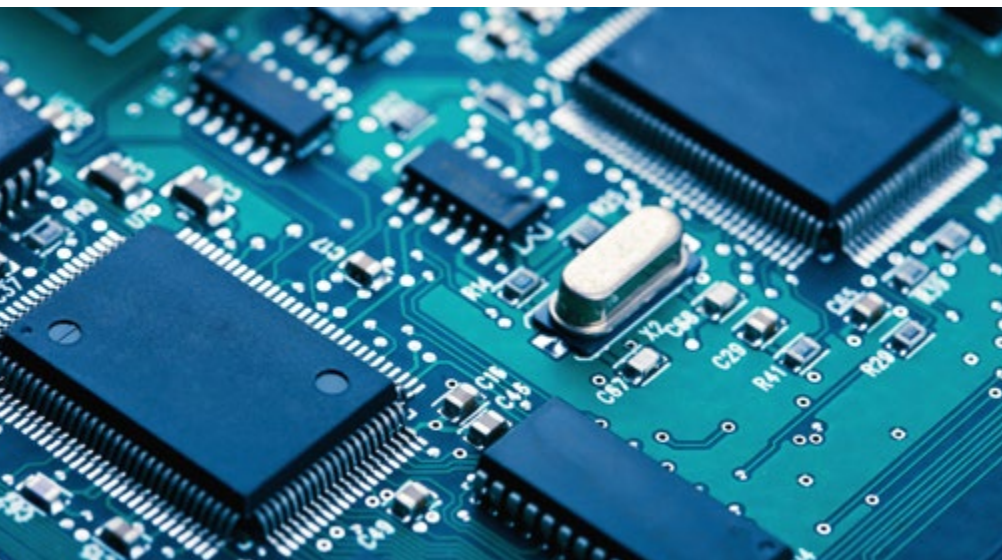


Your partner for Humidity Measurement in any Application

PST offers an unmatched range of humidity products built around our wide range of in-house sensor technologies. Using this wealth of knowledge and technology we offer two approaches for our OEM customers.

- **Standard products.** Proven products, readily available ideal for integration into most products/applications.
- **OEM-designed products.** Where our standard range is not suitable, we instead design, manufacture and supply products that are made for our customers' requirements.
- **Full product development.** Products fully designed and developed with our customers, private labeled or exclusive use.

Through our flexibility with these projects we build long-term trusted partnerships with our customers.



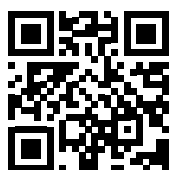
Why PST?

- Multiple proprietary sensor technologies
- Solutions including: **sensors, probes, transmitters**
- Deep application and measurement knowledge
- Design, prototyping, testing and certification capability
- Experts in multiple measurements %rh, CO₂, O₂, °C, °C DP
- Quantity pricing and scheduled delivery
- Specialized in Customer Solutions

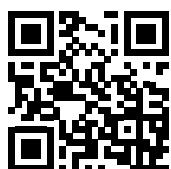
Product Highlights

Standard Product

- $\pm 0.8 \dots \pm 2\%$ rh Accuracy Range
- -50...200 °C Operating Range
- Voltage, mA, Digital Comms
- Probe, Transmitter or PCB form factors



[Learn more](#)



[Contact us to discuss your application](#)

Rebranded & Packaged

- Rebranded product
- Custom packaging
- Custom configuration
- Custom calibration
- Flexible supply terms

Fully customised

- Multiple parameters
- Custom outputs
- Special power requirements
- Designed for retrofit
- Complex applications

What can PST offer

- Relative humidity accuracy from $\pm 0.5\%rh$... $\pm 2\%rh$
- Operating range from $-100\text{...}200\text{ }^\circ\text{C}$
- Multiple format solutions including; Sensors, Smart Sensors, Probes, Transmitters
- Wide range of power supply and consumption options including specialise low power devices for IoT
- Multiple output options including amps, voltage, relay or digital comms.
- Sensors for harsh and contaminated environments.
- Knowledge of filter materials, best practice, calibration and servicing.
- Global organisation with local support and multiple manufacturing and development sites.

Standard Product Highlights

Proven products, readily available ideal for integration into most products/applications.



Rotronic HygroSmart I7000XP

Interchangeable Humidity and Temperature sensor with compact sensor module.


- Range of application $-40\text{...}85\text{ }^\circ\text{C}/0\text{...}100\%rh$
- Accuracy: $\pm 1\%rh$ ($5\text{...}95\%rh$), $\pm 0.2\text{ K}$



Rotronic PCMini52

Miniature humidity and temperature probe with digital or analog outputs.


- Excellent accuracy and performance in harsh conditions
- Long Term Stability: $< 1\%rh / \text{year}$



Rotronic HC2-ROPCB/01

OEM modules for customers specific solutions with the latest airchip technology.

- Highest possible measuring accuracy
- Range of application $-50\text{...}100\text{ }^\circ\text{C} / 0\text{...}100\%rh$
- Digital UART interface



Rotronic HC2A-S & HCD-S

- Probe design
- Option of digital or analogue outputs
- Highest possible measuring accuracy
- Broad operating range
- Hot swappable
- Wide operating range

Customised Project Highlights

Design, manufacture and supply of products specifically to customers' requirements.




Hatchery manufacturer

Relative humidity, temperature, CO_2 .

Customised calibration at customer application conditions.

Analog and digital to allow retrofit and use in new generation products.




Field calibration kit

Relative humidity, temperature, CO_2 .

Packaged solution for chamber mapping & calibration.

Simple rugged design, for field engineers.



Climate chamber manufacturer

Relative humidity internal reference.

Form, fit, function according to customers specifications.



Climate computer manufacturer

Relative humidity and temperature.

Compact design with digital communication.

Very price sensitive solution required at high quantity.