

## Saelig Introduces New Series of Fully Integrated, Capacitive Temperature and Humidity Sensors

*By Embassy Global PR, LLC, for Saelig Company*

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*Accuracy, 0.25s Rise Times Unaffected by Condensation or Water Immersion*

Saelig Company, Inc. (Saelig) ([www.saelig.com](http://www.saelig.com)) has announced the recent addition of a new line of fully integrated capacitive temperature and humidity sensors and sensing modules for ambient environmental measurements. The sensors offer 0.25-second rise times and consistent, reliable operation that is completely unaffected by condensation or water immersion. They are ideal for use in a myriad of applications, such as air conditioning (HVAC), meteorology/weather measurement, home appliance, aeronautics, museum or gallery archival conservation and military and qualification laboratories, among others.

Sensors incorporate patented, four-layer technology, exclusive to the manufacturer, which allows the products to offer consistent, exceptional thermal stability under environmental conditions of 0 to 100% relative humidity, in temperatures ranging from -90 to +85°C. Their miniature (9 x 8 mm) passive sensing elements vary capacitance with humidity and resistance with temperature, and are all fully interchangeable, without need for recalibration.

Standalone sensing modules are also available from Saelig as plug-in microsystems with digital output (pinned board-level components or housed modules with Molex™ milli-grid sockets) for immediate end user application, with versions available for measurement of temperature, humidity, or both. Loop powered versions (4-20 mA output) are also available.

The sensors are manufactured in France by UPSI ([www.upsifr.com](http://www.upsifr.com)), an industry pioneer with more than 30 years of experience in the design and development of this technology. Units are available in North America exclusively from Saelig, with units starting at \$6.80. For detailed specifications, technical assistance, or additional information, contact (toll-free in the US) 1-888-7SAELIG, via email: [info@saelig.com](mailto:info@saelig.com), or visit [www.saelig.com](http://www.saelig.com).

Direct Link:- <http://www.saelig.com/category/AS.htm>

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About Saelig Company, Inc.

Founded in 1988 in Rochester, New York, Saelig is a North American distributor with a growing reputation for finding and sourcing unique, easy-to-use control and instrumentation products and related active components, for use in a variety of industries, including: automation, automotive, aerospace & defense, computers, controls, embedded systems, medical & pharmaceutical manufacturing, motion control, R&D, wireless, etc. Products lines are continuously added from sources across the globe, and are offered at highly competitive prices, accompanied by full in-house technical support, exceptional customer service, and fast delivery. For full details of available product lines, please visit [www.saelig.com](http://www.saelig.com).

Category	Sensors, Saelig, Humidity & Temperature
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