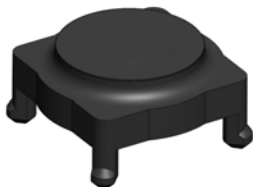


Press Release: Product Announcement

October 2010, Sensirion AG, 8712 Staefa, Switzerland

New filter cap for the world's smallest digital humidity sensors



Filtercap SF2

Sensirion has just launched a filter cap for its latest generation of humidity sensors. The SF2 filter cap is made of PBT, has an integrated filter membrane, and protects Sensirion's SHT2x humidity and temperature sensor from water, dust, dirt and various contaminants. The filter cap features a filtration efficiency of 99.99% of all particles >0.1µm and is designed to keep response time low. Thanks to the optimal protection, the highly stable DFN sensors of the SHT2x series can be used in even the harshest environments and still offer excellent long-term stability and performance.

The SF2 fits exactly to the external dimensions of the SHT21 and soon be launched SHT25 (SOP Q4 2010), and is easily mountable after reflow soldering. The SF2 is fixed by plugging the four pins into corresponding holes in the PCB. It can be glued for additional adhesion if desired. The SF2 filter cap also serves as an adaptor for mounting the humidity sensor directly into the wall of housing. Using a sealing ring results in a waterproof mounting solution that allows protection according to IP67 to be achieved.

Link SF2 webpage:

www.sensirion.com/sf2

Link SF2 datasheet:

www.sensirion.com/en/pdf/product_information/Datasheet_filter-cap_sf2.pdf

Link SHT21 webpage:

www.sensirion.com/humidity-sensor-sht21

About Sensirion

The Swiss sensor manufacturer Sensirion AG is a leading international supplier of CMOS-based sensor components and systems. Its range of high-quality products includes humidity and temperature sensors, mass flow meters and controllers, gas and liquid flow sensors, and differential pressure sensors. Sensirion supports its international OEM customers with tailor-made sensor system solutions for a wide variety of applications. Among others, they include analytical instruments, consumer goods, and applications in the medical technology, automotive and HVAC sectors. Sensirion products are distinguished by their use of patented CMOSens® technology. This enables customers to benefit from intelligent system integration, including calibration and digital interfaces. Sensirion's competence as a reliable OEM partner is underlined by its quality management system, which was certified in March 2008 in accordance with the ISO/TS 16949 standard.

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