Providing Electronic Solutions

Encapsulated Discrete Humidity & Temperature Sensing - Telaire T9602

Willow Technologies Ltd (www.willow.co.uk) introduces the new Amphenol Telaire T9602 Humidity & Temperature Sensor, a fully calibrated and temperature compensated Humidity and Temperature Sensor for OEM installations.

Telaire T9602 offers the most advanced and cost effective humidity and temperature sensing solution for virtually any type of application. Based on Amphenol's capacitive polymer sensor chip and a CMOS integrated circuit with EEPROM, integrated into an easy mount OEM package.

Martin Pearce, Marketing Director at Willow Technologies commented 'The T9602 is fully calibrated & temperature compensated, it comes with different mounting options and is reliable even in harsh environments, it is an excellently thought out device'.

The sensor head is protected to IP65, making it ideal for residential and commercial ventilation plants, or other areas where a higher level of protection is necessary. Continuing the flexibility two wire lengths are listed and each unit comes complete with a fitted plug.

'Maximising your integration options, the sensor accommodates 2 mounting options; it can either be clamped to a surface with a standard wire 'P' clamp, or, inserted through an electrical grommet.' Continued Pearce.

Individually calibrated and tested the T9602 sensor chip performs at ±2% from 20%-80% RH (±3% over entire humidity range) and is simple and ready to use without further calibration or temperature compensation. T9602 provides linearized output signals in various interfaces to customer requirements; I^2C interface (14 bit resolution), PDM convertible to analogue signal.

'T9602 can be used in energy saving HVAC control and in process control & instrumentation applications, such as air conditioning, refrigeration, indoor air quality, vent fans, home appliances, humi/dehumidifiers, medical instruments, handheld devices, weather stations, food processing, printers and RFIDs – quite a number!

ENDS

Founded in 1989, Willow Technologies is located in Copthorne, West Sussex in the UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 100 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

For further information please contact:
Bhupinder Randhawa, Senior Sales Engineer, brandhawa@willow.co.uk +44 (0) 1342 717102