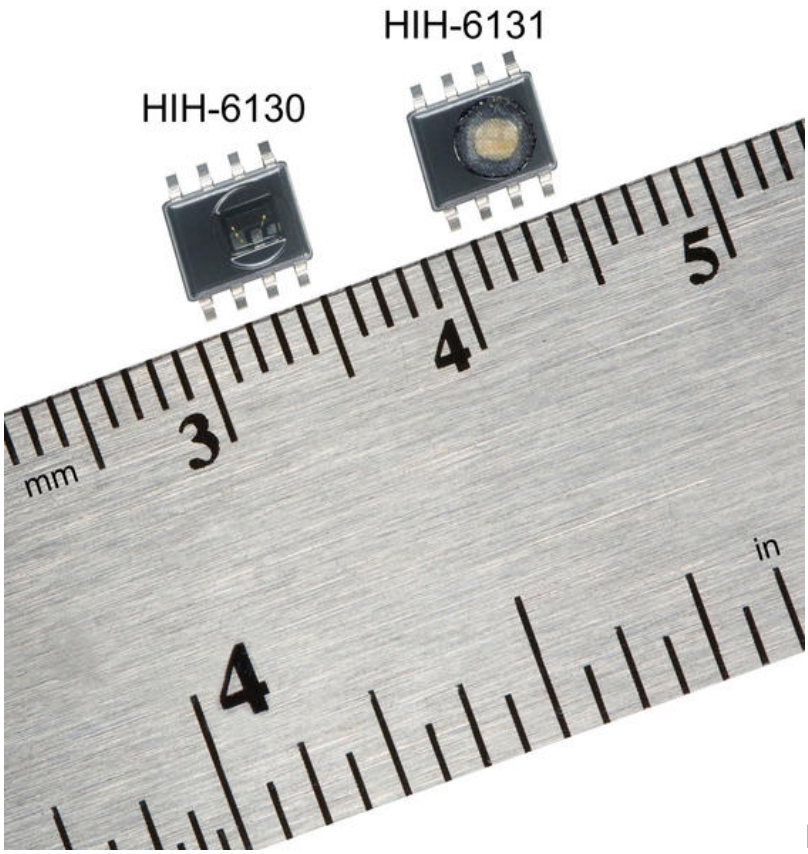
Digital humidity/temperature sensors offer stability, energy efficiency



Honeywell Sensing and Control (S&C)announced that it will be launching a wide range of industrial sensors and switches. This includes Honeywell HumidIcon™ sensors which combine both temperature and humidity sensing into one package, its new line of basic pressure sensors with a variety of sensitivity, reliability and packaging variations, and new high-sensitivity Hall-effect bi-polar latch sensors used to provide the industry's highest levels of accuracy for brushless DC motors.

Honeywell's HumidIcon™ Digital Humidity/Temperature Sensors offer industry-leading accuracy, stability, and energy efficiency in a lowest total cost solution that combines digital output relative humidity and temperature sensing. This new product is designed for potential use in respiratory therapy, medical incubators, medical microenvironment applications and HVAC-refrigeration. Honeywell HumidIcon™ Digital Humidity/Temperature Sensors have an industry-leading Total Error Band that provides the sensor's true accuracy of ±5 percent RH over a compensated temperature range of 5 °C to 50 °C [41 °F to 122 °F] and 10 percent RH to 90 percent RH. Total Error Band, which includes all sources of error that a sensor might see, effectively eliminates individual sensor testing and calibration, supports system accuracy and warranty requirements, helps to optimize system uptime, and provides excellent sensor interchangeability.

Honeywell Sensing and Control

sensing.honeywell.com/ [1]

Source URL (retrieved on *12/18/2013 - 3:36am*):
http://www.ecnmag.com/product-releases/2012/12/digital-humidity/temperature-sensors-offer-stability-energy-efficiency?qt-most_popular=0&qt-recent_content=0

Links:
[1] http://www.sensing.honeywell.com/