



**FOR IMMEDIATE RELEASE**

**CONTACT:** Lauren Purpura  
Gray & Rice Public Relations  
617-367-0100, ext. 123  
lpurpura@gr2000.com

## **WATER SENSOR**

*Measures Saturation Levels in Hydraulic & Lubrication Fluids*

**Leetsdale, PA-** Schroeder Industries, a developer of filtration and fluid conditioning products, introduces its TestMate Water Sensor (TWS-C), a new saturation and temperature sensor for the accurate continuous monitoring of hydraulic and lubrication fluids.

It measures the water content relative to the saturation concentration (saturation point) and outputs the degree of saturation (saturation level) in the range of 0 to 100% as a 4 to 20 mA electrical signal. A reading of 0% would indicate the absence of water, while a reading of 100% would indicate that a fluid is completely saturated with water.

The special capacitance sensor used in the TWS absorbs water molecules from the fluid and changes its capacity value that is directly related to the saturation level in the fluid. An integrated thermoelement on the sensor measures the temperature of the fluid in the range of -13F to 212F (-25C to 100C) and outputs it as a 4 to 20 mA electrical signal.

### **About Schroeder Industries**

Schroeder is a leader in filtration and fluid conditioning and its expertise in filtration technology, superior filter and element manufacturing capabilities, and dedication to customer service and product support are the reasons Schroeder is considered “The Filter Company.”

Keep it clean. Keep it running. Keep it Schroeder.

For further information about Schroeder Industries and its products, call 724-318-1100 or visit [www.schroederindustries.com](http://www.schroederindustries.com).

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