

Eco Clean with the Turbidity Sensor

Willow Technologies Limited (www.willow.co.uk) announces Amphenol's **165D6042P003 Turbidity Sensor**. **Measuring the amount of suspended particles of the wash water in washing machines and dishwashers**, it optically measures turbid water density.



The optical transistor and diodes measure the amount of light between a source light and receiver using the refraction of wavelength between photo transistor and diode to identify extraneous matter, determining when the water is clean.

Said Martin Pearce, Marketing Director, Willow Technologies Limited, "By measuring the turbidity of the wash water, the dishwasher or washing machine can **conserve energy** on lightly soiled loads, only washing as long as necessary and **reaping energy savings for the consumer**"



This device has a 5VDC operating voltage and measures 28 diameter x 47mm in length. It operates between -30 ~ 80°C.

"Willow offer a range of Turbidity Sensors from Amphenol, all of which can transform the efficiency of the washing cycle and are of great interest to washing appliance manufacturers wanting to **meet increasing customer demand for more environmentally friendly products**", concludes Pearce.

Editor Information

Founded in 1989, Willow Technologies is located in Copthorne, Surrey, 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 60 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.

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