

Breathe Freely with the Telaire SM-PWM-01A SMART Dust Sensor

Willow Technologies Ltd (www.willow.co.uk) introduces Amphenol's Telaire SM-PWM-01A Smart Dust Sensor that detects the dust particle concentration in air by using optical sensing method. An infrared light emitting diode (IR LED) and a photo-sensor are optically arranged in the device. The photo-sensor detects the reflected IR LED light by dust particles in air.



At just 49 x 46 x 18 mm and weighing only 23g, the SMART Dust Sensor has a low pulse width output proportional to particle size and concentration.

Martin Pearce, Marketing Director at Willow Technologies commented, 'The SMART Dust Sensor can detect the small particle like cigarette smoke and it can distinguish small particles (1µm) like smoke from large house dust (20µm) by the pulse pattern of signal output.'

Applications for detection of dust in air, indoor air quality monitoring, air cleaners / purifiers / conditioners, outdoor dust monitoring with IAQ monitors and smoke type fire alarms.

"This SMART Dust Sensor really is an outstanding innovative product and we are seeing a lot of demand for it". Concluded Pearce.

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