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Apprise announces a UV disinfection system monitoring product for cost-effective HVAC integration.

Duluth, MN – Apprise Technologies, Inc. has released the UV Monitor™ for monitoring lamp output in UV disinfection applications for commercial (hospital, schools etc), industrial, or residential HVAC and food processing systems.

The UV Monitor is a module radiometer system designed to meet the needs of OEM's looking for an affordable, versatile and powerful monitoring product for UV irradiance measurements in duct and cooling coil HVAC applications as well as in surface UV disinfection of food products. The UV Monitor measures irradiance in *both* µW/cm^2 *and* user defined pre-set percentage – both functions together usually found only in much more expensive models. The three-component module design consists of the *UV Logic Controller*, *UV Display* and *UV Sensor*, which allow OEM's to mix and match multiple product configurations to maximize returns while meeting the precise needs of the client.

The *UV Logic Controller* provides easy to read visual indication of the relative power range of the lamp output allowing operators to quickly determine lamp output degradation. It may also be used with the *UV Display* to provide data on the absolute power output of the lamps in µW/cm². The *Logic Controller* is easily connected to third party HVAC building management system or PLC's providing lamp-monitoring data as a ISA complainant Non-Isolated 3U 4-20 mA output device and also comes standard with a 0-1 Volt SPDT relay contact for external system alarm.

A single digital *UV Display* can independently interrogate multiple *UV Sensors* placed throughout a system by plugging into the *UV Sensor port*. The optional AC power transformer allows the *UV Display* to be permanently mounted to a *UV Sensor* for continuous output of irradiance or arbitrary percentage.

The *UV Sensor*, for applications up to 20,000 microwatts/cm^2, comes standard with NIST traceable calibration, which resides within the *UV Sensor* for ease of recalibration. The sensor is enclosed in a UV resistant case for operation in harsh environments. All critical electronic components of the UV Monitor are industrial grade to assure longevity.

Apprise Technologies, Inc. is a measurement and control company specializing in the development and manufacturing of opto-electronic sensors for original equipment manufacturers (OEM's). For more information contact Apprise Technologies, Inc., phone: 218-624-2800, web site address: www.apprisetech.com.

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