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Wireless Battery-Powered Photoelectric Sensors for Door & Gate Applications



October 29, 2009 - Buffalo Grove, IL and Mississauga, ON – Carlo Gavazzi is launching a stylish new long range through-beam photoelectric sensor with a unique battery-powered emitter. The **PD180** offers an attractive sensing solution for industrial doors and gates. With a battery-powered emitter, installation is quick and easy, since there is no longer a need to bury cables underground or under pavement, or running additional conduit around door openings. The **PD180** can be powered for up to 2.5 years on a pair of 3.6V lithium batteries. Sensing range can be set by the user at 15 or 30 meters.

The **PD180's** receiver can be powered by 12-24 VAC/DC, providing flexibility for any installation. It contains a SPST relay output for normal door/gate operation, and a separate SPST output for low-battery alert. Mechanical alignments are quite flexible and very simple, thanks to lenses that can be adjusted both vertically and horizontally, assuring proper function in even the most challenging installations. Both emitter and receiver are made of heavy duty polycarbonate material, suitable for outdoor use. Furthermore, the 20,000 lux light immunity assures reliable operation – rain or shine. An emitter-mute function allows the sensor to verify proper function before every operating cycle, which contributes to safer door and gate operation.

The **PD180** is UL 325 approved, and carries CE and cULus marks, which are your assurance of a high quality, tested, and safe product. List price for a complete set (emitter and receiver) is \$138 in the United States and \$144 in Canada. It is available from Carlo Gavazzi's North American network of sales offices / distributors or www.GavazziOnline.com.

Any questions regarding this press release should be directed to Info@CarloGavazzi.com

Available in the U.S. from: CARLO GAVAZZI, 750 Hastings Lane, Buffalo Grove, IL 60089

Phone: 847.465.6100 Fax: 800.222.2659 Email: Sales@CarloGavazzi.com

Available in Canada from: CARLO GAVAZZI, 2660 Meadowvale Blvd., Mississauga, ON or
777 Boul Du Tricentaire, Montreal, QC Phone: 888.575.2275 Email: Gavazzi@CarloGavazzi.com