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# *High Performance, Mini Photoelectric Sensors*



**February 4, 2009 - Buffalo Grove, IL and Mississauga, ON** - Carlo Gavazzi has launched the next generation of state-of-the-art miniature photoelectric sensors with exceptional features. Housed in a world standard style, these sensors are well-prepared for global applications.

The new **PD30 Series** sensors feature simple to use, precise push button programming, eliminating the trial and error setup required with potentiometer based sensors. Many of the models also allow remote teaching options, so setup and programming of the sensor can be done away from the application. These same models also provide an option for locking the sensor settings, giving a tamper-resistant set up that allows for more secure operation. A muting version provides various benefits, including mutual interference protection, sensor alignment aid, and the ability to verify the sensor's proper operation remotely, via a PLC. A dust alarm output signals an alarm when the sensor lens needs to be cleaned, reducing downtime and improving sensor performance.

The **PD30 Series** is available in six sensing technologies, several with advanced ranges previously unheard of in sensors this size, including through beam (15m) and polarized retroreflective (6m). Diffuse reflective, background suppression, retroreflective, and a transparent object detection model are also available. Each sensor is powered by 10-30VDC, and have a 100 mA transistor output, which can be programmed as normally open or normally closed. The sensors are constructed in compact 10.8 x 20 x 30mm housings, and prices start at just \$70.

All of the new sensors carry cUL, RoHS and CE approvals, your assurance of a high quality and safe product. They are available from Carlo Gavazzi's North American network of sales offices / distributors or [www.GavazziOnline.com](http://www.GavazziOnline.com).

Any questions regarding this press release should be directed to: [info@carlogavazzi.com](mailto:info@carlogavazzi.com)