

Miniature Photoelectric Sensors Suited for Global Applications

The PD30 Series sensors, available from Carlo Gavazzi, 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. Each sensor is powered by 10 to 30VDC, and has a 100 mA transistor output, which can be programmed as normally open or normally closed.

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