

Press Release

THE NEW PHOTOELECTRIC SENSOR SERIES FOR OPTIMIZED SENSING PERFORMANCE

High accurate detection by means
of the PointSpot red light narrow beam.

Lainate, February 2017 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today launches its new series of photoelectric sensors, the PD30CN...PS with PointSpot.

The visible red light narrow beam makes detection more accurate and allows detection of smaller objects, if compared to standard sensors, but larger than those a laser can detect.

This new PD30CN...PS series consists of a background suppression version as well as a polarized retro-reflective version, both with a narrow red light PointSpot beam.

The sensing distance is controlled by means of a potentiometer placed on the back of the housing and the adjustment is optimized for easy settings.

“With the launch of this new series of photoelectric sensors, our aim is to expand our offer of PD30 sensors with high-end PointSpot light sensors able to eliminate “halo” light disturbance and increase detection reliability,” says Torben Rochat, International Product Manager. “Carlo Gavazzi expects a significant sales growth mainly due to the fact that the PointSpot technology is more precise than the standard LED technology.”

This new sensor series has been developed by our Competence Centre in Denmark in order to enhance our PD30 series by providing optimized sensing performance mainly required in the following market segments: Packaging & Wrapping, Materials Handling, Plastic & Rubber and Machine Tools.

Main technical features

- Elimination of disturbing “halo” light for best sensing performance
- World standard housing style: 10.8 x 20 x 30 mm
- World standard mounting style: spacing 25.4 mm, 2 x M3 holes
- N.O. and N.C. outputs, NPN or PNP versions
- 10 – 30 VDC power supply
- NPN or PNP transistor output
- IP67 ratings
- CE and cULus approved
- Potentiometer set-up
- Connection cable
- M8-4pin male connector
- Full sensing family :
 - Background Suppression, Active Pixel Sensor (APS)
Visible red light version, 250 mm
 - Retro-Reflective
Visible red light version with polarization filter, 5 m

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

For further information:

Carlo Gavazzi Automation SpA - Via Milano 13 – 20020 Lainate (MI) - Italy
Strategy & Communication - info@gavazziautomation.com - www.gavazziautomation.com