

Website: www.GavazziOnline.com E-Mail: sales@carlogavazzi.com



FOR IMMEDIATE RELEASE:

Inductive Proximity Sensors with IO-Link



January 14, 2019 - Buffalo Grove, IL - CARLO GAVAZZI is pleased to announce the launch of our new IBS, ICS and ICB Series Inductive Proximity Sensors with integrated IO-Link communications.

The **IBS04** and **ICS05** and **08** Series represent the ideal solution for industrial automation applications where space is limited, but long switching distance is needed. They are available in robust Ø4mm, M5 or M8 stainless steel housings, with an M8 plug or two meter PVC cable.

The new generation of the ICB 12, 18 and 30 Series are a comprehensive family of high performance inductive proximity sensors for contactless and wear-free detection of metallic objects. They are available in durable nickel-plated brass housings, offered in three diameters: M12, M18 and M30, with an extended sensing distance range between 4 and 22 mm. They are also available with an M12 plug or two meter PVC cable.

Once connected to an IO-Link master, these sensors can be easily and completely configured; enabling additional advanced functionalities such as the detection counter (RPM) or speed monitoring. Each sensor then becomes fully programmable and provides the means for hundreds of configurations in one single device.

IxS04/05/08 Proximity Sensors with IO-Link features:

- IP67 Stainless steel Ø4, M5 or M8 barrel housing
- Sensing distance from 0.8 mm up to 4 mm
- Flush and non-flush versions
- Output DC 100 mA
- NPN or PNP, NO or NC or programmable
- 2 m PVC cable or M8-plug

- Up to 2kHz (M8) or 6kHz (Ø4 or M5) operating freq.
- Adjustable sensing distance and hysteresis and configurable output
- Clearly visible LED with diagnostic functions
- Operating temp.: -25°C to +80°C (-13° to +176°F)
- IO-Link communication V 1.1

ICB12/18/30 Proximity Sensors with IO-Link features:

- IP67 Nickel-plated brass M12, M18 or M30 cylindrical threaded barrel housings
- Sensing distance from 4 mm to 22 mm
- Flush and non-flush versions
- Output DC 200 mA
- 2 m PVC cable or M12-plug

- Up to 2 kHz operating frequency
- Adjustable sensing distance and hysteresis and configurable output
- Operating temp.: -25°C to +70°C (-13° to +158°F), and -40°C to +70°C (-40° to +158°F) for M12-plug version
- IO-Link communication V 1.1

The IO-Link inductive sensors were designed for use in specific markets such as Plastic & Rubber, Material Handling, Packaging and Machine Tool, providing the ideal solutions for demanding application needs.

The **Inductive Proximity Sensors with IO-Link** are available from Carlo Gavazzi's network of sales offices and distributors in the Americas, or at www.GavazziOnline.com.

Questions regarding this press release should be directed to: Info@CarloGavazzi.com

CARLO GAVAZZI Inc., 750 Hastings Lane, Buffalo Grove, IL 60089 Phone: 847.465.6100 Fax: 800.222.2659 Email: Sales@CarloGavazzi.com

CARLO GAVAZZI (Canada) Inc., 2660 Meadowvale Blvd., Mississauga, ON L5N 6M6 Phone: 888.575.2275 Fax: 905.542.2248 Email: Gavazzi@CarloGavazzi.com

CARLO GAVAZZI Mexico S.A. de C.V., Circuito Puericultores 22, Ciudad Satelite, Naucalpan de Juarez, EDOMEX CP, 53100 Phone/Fax: 52.55.5373.7042 Email: MexicoSales@CarloGavazzi.com

CARLO GAVAZZI Automação Ltda., Av. Francisco Matarazzo, 1752 Conj 2018, 05001-200 São Paulo SP Phone/Fax: 55.11.3052.0832 Email: Info@CarloGavazzi.net.br