

## **FOR IMMEDIATE RELEASE:**

# **Safety Magnetic Sensors for Design Flexibility**

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*April 6, 2021 - Buffalo Grove, IL* - Carlo Gavazzi is excited to introduce its new family of **MC88C Sensors** to broaden our available housing options for the growing family of **MC Safety Magnetic Sensors**.

The new **MC88C Series** of magnetically coded REED safety sensors are the ideal solution to monitor the position of sliding, hinged and removable safety guards. When connected to a safety module, these sensors are suitable for safety gate applications up to PLe/Category 4 according to EN ISO 13849-1. They are designed to stop or disconnect dangerous motions when mobile protections are opened or displaced. These applications are common in the industrial Food & Beverage, Door & Entrance, Plastic & Rubber, and Material Handling market segments.

Features & Benefits of the **MC88C Series** include:

#### **REDUCED DOWNTIME**

- High tolerance for misaligned doors / gates due to assured switching distance (Sao) of 5mm, 8mm, or 18mm depending on the selected actuator
- Concealable for tamper protection - magnetic sensors can be hidden behind any non-magnetizable material for seamless design
- Increased uptime due to wide operating temperature range of -25°C to 85°C (-13°F to 176°F)

#### **EASE OF USE**

- Left or right mounting available for any customer design
- Industry standard housing dimensions of 88 x 25 x 13mm
- LED indicator (optional) for simplified installation and diagnostics
- Ready for standard application with CE and cULus approvals as well as safety applications with SIL3 and Cat. 4 PL e (ISO13849-1)
- Variety of configurations with operating voltage of 12-24 VAC/DC, REED switch with two outputs, and connection options of cable, M8 connector or M12 pigtail

#### **LONG LIFETIME**

- Non-contact actuation means no wear and tear
- Low maintenance with IP67 protection rating and magnetic technology insensitive to dirt and dust

The **MC88C Safety Magnetic Sensors** are the optimal choice for monitoring safety gates in harsh industrial environments. They are available from Carlo Gavazzi's network of sales offices and distributors in the Americas, or at [www.GavazziOnline.com](http://www.GavazziOnline.com).

Questions regarding this press release should be directed to: [Info@CarloGavazzi.com](mailto:Info@CarloGavazzi.com)

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