

Press Release

MC36C SAFETY MAGNETIC SENSOR SERIES: HIGH PERFORMANCE IN COMPACT SIZE

Suitable for monitoring safety gates in industrial harsh environments.

Lainate, October 2019 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today is proud to introduce its new family of non-contact safety magnetic sensors.

The new MC36C series of magnetically-coded REED safety magnetic sensors is the ideal solution to monitor the position of sliding, hinged and removable safety guards, especially in dirty and dusty environments.

When connected to a safety module, it is suitable for safety applications up to PL e/Category 4 according to EN ISO 13849-1.

The MC36C sensors' wide actuation range allows the use in specific applications where great tolerances are required, for example when doors are imprecisely aligned.

"Thanks to its high flexibility, the MC36C safety magnetic sensor series represents the best choice for non-contact detection in safety applications, where space is limited," Aldo Caputo, International Product Manager, says.

"With the launch of this new complete range of sensors it is our intention to strengthen Carlo Gavazzi's presence wherever safety in industrial environments is required".

Main technical features

- 2m PVC cable or M8-Plug
- Assured switching distance (Sao): 5 mm (with actuator MC36CM)
- Assured switch-off distance (Sar): 15 mm (with actuator MC36CM)
- Operating temperature between -25 and +80°C (-13 to 176 °F)
- Rated operating voltage: 12-24 VAC/VDC
- Rated operating current: 0.25 A (resistive load)
- Maximum switching load: 6 W (resistive load)
- Maximum operating frequency: 100 Hz
- Degree of protection: IP67
- CE and cULus approved

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:

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