

FOR IMMEDIATE RELEASE:

Compact Safety Magnetic Sensors



January 2, 2020 - Buffalo Grove, IL - CARLO GAVAZZI has launched the **MC36C Series Compact Safety Magnetic Sensors**, designed for safety-related applications, such as the monitoring of swinging, sliding or removable safety guards, which keep personnel safe from dangerous areas. The **MC36C Series** of magnetically-coded REED safety magnetic sensors are the ideal solution to monitor the position of sliding, hinged and removable safety guards, especially in dirty and dusty environments. Thanks to their wide actuation range, the **MC36C magnetic sensors** are ideally suited for use in applications where great tolerances are required, such as with safety gates or doors which are imprecisely aligned.

The **MC36C Series** are extremely versatile and can work as standalone or in conjunction with a safety module to reach a safety category 4, according to the EN ISO 13849-1 Standard. These are some of the features which make these sensors extremely flexible to meet various application requirements: compact size (36x26x13mm), output configuration (2 NO or 1 NO and 1 NC), availability with 2m cable or M8 quick disconnect (left or right exit). Other important features include:

- Assured switching range: 5mm w/MC36CM
- Assured switch-off range: 15mm w/MC36CM
- Operating temp.: -25 to +80°C (-13 to 176°F)
- Rated operating voltage: 12-24 VAC/VDC
- Rated operating current: 0.25 A (resistive)
- Maximum switching load: 6W (resistive)
- Maximum operating frequency: 100 Hz
- Optional LED indication
- Degree of protection: IP67
- CE and cULus approved

The **MC46C safety magnetic sensors** are the best choice for non-contact detection and are suitable to monitor safety gates that prevent the entry of personnel in the vicinity of dangerous machines in motion, such as conveyors, robots, mechanical links, etc.

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