

## MC36C - Compact safety magnetic sensors

# Sensors

# MC36C series

## Compact safety magnetic sensors

The MC36C are encoded safety magnetic sensors with compact housing used to monitor the position of hinged, sliding or removable guards of industrial applications.

Carlo Gavazzi safety sensors stop or disconnect the dangerous motions, if the mobile protections are opened or displaced. They are suitable for safety gates applications up to safety category 4, PL e according to EN ISO 13849-1 with suitable logic safety module.

The MC36C sensors are the right answer in harsh industrial environments with damp and dusty condition.



## Highest performance in a small size

The safety magnetic sensors together with the magnetic actuator are particularly suitable to monitor protections of the safety gates that allow the entry to machines with dangerous movements, mainly in environment with strong presence of dust and dirtiness.

### Customizable

- The sensors are available with left or right exit, integrated cable or M8 connection and optionally LED indicator
- 2 normally open or 1 normally open + 1 normally closed contacts (with open guard)

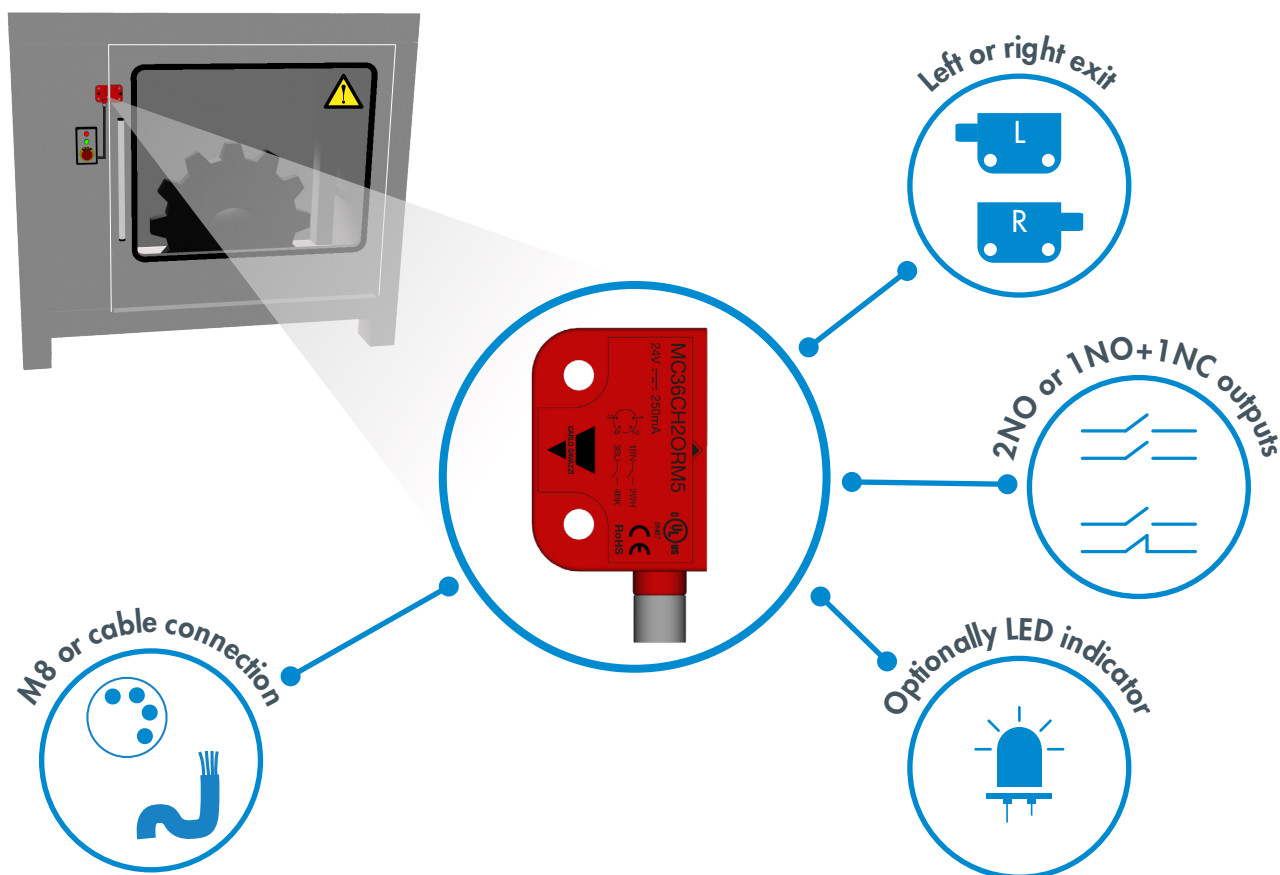
### Standards compliance

- Up to Cat. 4 PL e in accordance with EN ISO 13849-1

### High performance

- Assured switching distance (Sao) of 5 mm, assured switch-off distance (Sar) of 15 mm (with actuator MC36CM)
- Reinforced polymeric casing (PBT) with a protection degree IP67, operating temperature range from -25°C to +80°C
- Compact dimensions: only 36 x 26 x 13 mm





## Type selection

### Left exit

PVC cable 2m	2NO	No LED	<b>MC36CH2OLA2</b>
		LED	<b>MC36CH2OLA2L</b>
	1NO+1NC	No LED	<b>MC36CH1O1CLA2</b>
		LED	<b>MC36CH1O1CLA2L</b>
M8 integrated connector	2NO	No LED	<b>MC36CH2OLM5</b>
		LED	<b>MC36CH2OLM5L</b>
	1NO+1NC	No LED	<b>MC36CH1O1CLM5</b>
		LED	<b>MC36CH1O1CLM5L</b>

### Right exit

PVC cable 2m	2NO	No LED	<b>MC36CH2ORA2</b>
		LED	<b>MC36CH2ORA2L</b>
	1NO+1NC	No LED	<b>MC36CH1O1CRA2</b>
		LED	<b>MC36CH1O1CRA2L</b>
M8 integrated connector	2NO	No LED	<b>MC36CH2ORM5</b>
		LED	<b>MC36CH2ORM5L</b>
	1NO+1NC	No LED	<b>MC36CH1O1CRM5</b>
		LED	<b>MC36CH1O1CRM5L</b>

### Actuator

**MC36CM**

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