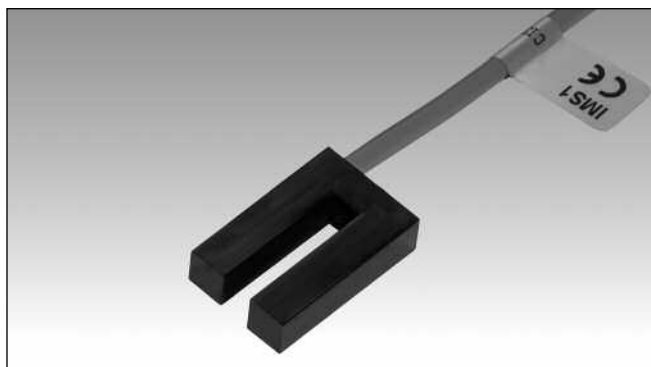


# Proximity Magnetic Sensors Slot Sensors IM Series

CARLO GAVAZZI



- Slot plastic housing
- NC or CO output functions
- Small dimensions

## Product Description

In IM series the minimum air gap from ferromagnetic parts is 10 millimeters; the minimum distance between the fixing holes of two contiguous switches is 7 cm.

The optimum dimensions concerning soft iron actuators is 15 x 40 x 1.

## Ordering Key

**IM S 1**

Type \_\_\_\_\_  
Output function \_\_\_\_\_  
Reed contact type \_\_\_\_\_

## Type Selection

| Housing dimensions | Connection        | Output function | Reference     |
|--------------------|-------------------|-----------------|---------------|
| 28 x 18.5 x 7      | PVC cable L= 0.5m | NC              | <b>IM C 3</b> |
| 28 x 18.5 x 7      | PVC cable L= 0.5m | CO              | <b>IM S 1</b> |

Dimensions are specified in millimeters (mm)

## Output Specifications

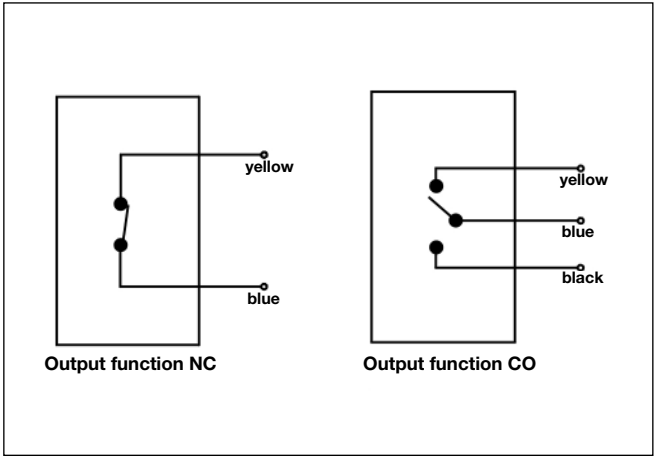
|                                                                                                                                                 |                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Output</b><br>IMC3<br>IMS1                                                                                                                   | NC<br>Change-over                                              |
| <b>Contact ratings</b><br>Max Switching Voltage<br>IMC3<br>IMS1<br>Max Switching Current<br>IMC3<br>IMS1<br>Max Switching Power<br>IMC3<br>IMS1 | 500 VAC<br>100 VAC<br><br>0.5 A<br>0.25 A<br><br>10 VA<br>5 VA |

## General Specifications

|                                            |                             |
|--------------------------------------------|-----------------------------|
| <b>Ambient temperature</b><br>Operating    | -25 to +75 °C               |
| <b>Environment</b><br>Degree of protection | IP 67                       |
| <b>Housing</b><br>Dimensions<br>Material   | 28 x 18.5 x 7 mm<br>Plastic |
| <b>CE-marking</b>                          | Yes                         |



Wiring Diagrams



Dimensions

