

Proximity Magnetic Sensors Cylindrical Housing FMM Series

CARLO GAVAZZI



- Cylindrical stainless steel housing
- M8 diameter
- NC or CO output functions
- Front side switching

Product Description

The cylindrical proximity magnetic sensors of the FMM series are characterized by stainless steel body and small dimensions.

They can be mounted directly on ferromagnetic supports as well; in this situation a reduction in the operating distance may occur due to a loss of magnetic field.

Ordering Key

FMM A 3

Type _____
 Output function _____
 Reed contact type _____

Type Selection

| Housing diameter | Connection | Output function | Reference |
|------------------|-----------------|-----------------|----------------|
| M8 | PVC cable L= 2m | NO | FMM A 3 |
| M8 | PVC cable L= 2m | NO | FMM A 6 |
| M8 | PVC cable L= 2m | CO | FMM S 1 |

Diameters are specified in millimeters (mm)

Output Specifications

| | |
|--|-------------------------------|
| Output FMMA3, FMMA6 FMMS1 | NO Change-over |
| Contact ratings Max Switching Voltage FMMA3 FMMA6 FMMS1 | 500 VAC 100 VAC 100 VAC |
| Max Switching Current FMMA3 FMMA6 FMMS1 | 0.5 A 0.5 A 0.25 A |
| Max Switching Power FMMA3 FMMA6 FMMS1 | 10 VA 10 VA 5 VA |

General Specifications

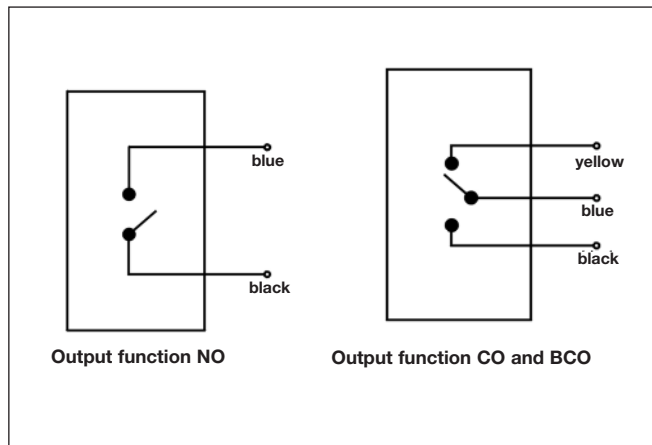
| | |
|---|---|
| Operating distance FMM Series | See Operating Distance table |
| Suitable magnetic unit FMM Series | See Operating Distance table |
| Ambient temperature Operating | -25 to +70 °C |
| Environment Degree of protection | IP 67 |
| Housing Diameter FMM Series Material FMMA3, FMMS1 FMMA6 | M8 x 1 mm Stainless steel Nickel plated brass |
| CE-marking | Yes |

Operating Distance

| Magnetic Units | CL10 | CL11 | CL18 | CL20S1 | CL20S3 | CL23 | CL31 |
|----------------|------|------|------|--------|--------|------|------|
| FMMS1 | 8 | - | 8 | 17 | 16 | 16 | 23 |
| FMMA3 | 10 | - | 10 | 20 | 19 | 18 | 27 |
| FMMA6 | - | - | - | - | - | 13 | - |

Distances are specified in millimeters (mm)
 xx: operating distance (for all Output functions).

Wiring Diagrams



Dimensions

