Proximity Magnetic Sensors
Cylindrical Housing
FMM Series



- **Cylindrical stainless steel or nickel plated brass housing**
- **M8 diameter**
- **NO 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	NO
FMMS1	Change-over
Contact ratings	
Max Switching Voltage	
FMMA3	500 VAC
FMMA6	100 VAC
FMMS1	100 VAC
Max Switching Current	
FMMA3	0.5 A
FMMA6	0.5 A
FMMS1	0.25 A
Max Switching Power	
FMMA3	10 VA
FMMA6	10 VA
FMMS1	5 VA

General Specifications

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

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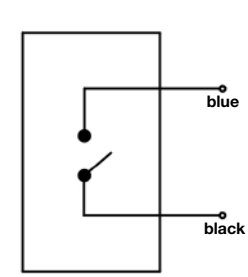
Operating Distance

Magnetic Units	CL10	CL11	CL18	CL20S1	CL20S3	CL23	CL31
FMMS1	8	-	8	17	16	16	23
FMMA3	10	-	10	20	19	18	27
FMMA6	14	-	-	28	27	21	-

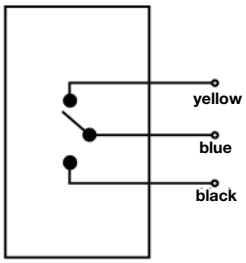
Distances are specified in millimeters (mm)

xx: operating distance (for all Output functions).

Wiring Diagrams

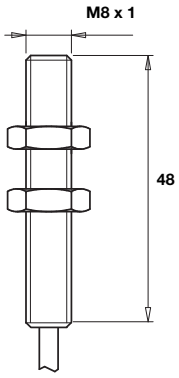


Output function NO

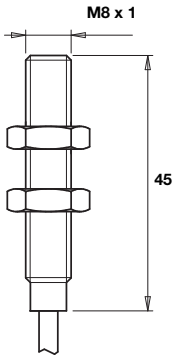


Output function CO

Dimensions



FMMA6



FMMA3 FMMS1

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