

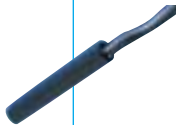





Proximity Magnetic Sensors, Cylindrical



Types

	FM.. series	FMM.. series	FMMP.. series	FMP.. series
				
External Dimensions (mm)	Ø 9.3 M12 x 1	M 8 x 1	Ø 6	M 12 x 1
Output Function				
Normally Open	FM.A.3 FM.A3/S5	FMM.A.3	FMMP.A.7	FMP.A.7 FMP.A.9
Normally Closed	FM.C.3 FM.C.3/S1			FMP.C.7
Change-over	FM.S.1	FMM.S.1		FMP.S.1
Bistable				FMP.B.2
Electrical Characteristics				
Max. switch. voltage contact	100 - 500 V	100 - 500 V	100 V	100 - 250 V
Max. switch. current contact	0.25 - 0.5 A	0.25 - 0.5 mA	0.4 A	0.25 - 3 A
Max. switch. power contact	5 - 10 VA	5 - 10 VA	10 VA	5 - 120 VA
Max. carry current			0.75 A	
General Characteristics				
Output connection	PVC Cable	PVC Cable	Twin-lead Cable	PVC Cable
Operating distance	5 - 25 mm.	8 - 27 mm.	>8 mm.	
Degree of protection	IP 67	IP 67	IP 67	IP 67
Operating temperature	-25°C to +75°C	-25°C to +70°C	-20°C to +75°C	-25°C to +75°C
Case	Plastic / Brass	Stainless steel	Plastic	Plastic

Types

	FS... series	FSLP.. series
		
Output function	External dimensions	REFERENCES
Normally Open	Ø 13.5 mm	FS.A.2 / FS.A.8
Normally Closed	Ø 13.5 mm	FS.C.2 / FS.C.8
Change-over	Ø 13.5 mm	FS.S.2
Normally Open	M10 x 1.25	FS.A.2/S3/2MT
Change-over	M10 x 1.25	FS.S.2/S1/2MT
Normally Open	M12 x 1	FS.A.2/S4/2MT
Change-over	M12 x 1	FS.S.2/S4/2MT
Bistable	M16 x 1.5	FS.B.2/2MT
Electrical Character.	External dimensions	REFERENCES
Contact	Max swit. voltage	Max swit. current
	220 - 1500 V	1 - 3 A
	Max swit. power	10- 120 VA
General Characterist.	External dimensions	REFERENCES
Output connection	PVC Cable	Ø 16 X 110 mm
Operating distance	3 - 12 mm	
Protection degree	IP 67	
Operating temperature	-25° to +75°C	
Case	Plastic	
Modular Guide External Dimensions		
	Max swit. voltage	Max swit. current
	100 ÷ 250 V	0.4 ÷ 3 A
	Max swit. power	10 ÷ 120 VA
	Operating distance	
	18 ÷ 25 mm (front); 10 ÷ 15 mm (side)	
	Protection degree	
	IP 67	
	Operating temperature	
	-30° ÷ +80°C	
	Case	
	Plastic	
	Modular Guide External Dimensions	
	20 x 200 x 10 mm	

Specifications are subject to change without notice.

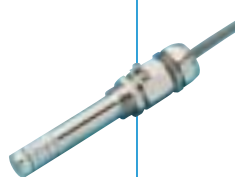
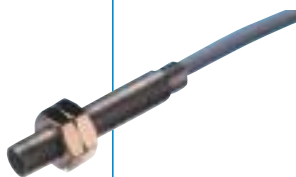


Proximity Magnetic Sensors, Cylindrical

Types

FSM... series

FSQ... series



Output Function

Normally Open

Dimensions	REFERENCES
M12 x 1	FSM.A.2
M12 x 1	FSM.A.7

External dimensions	REFERENCES
M12 x 1	FSQ.A.3/A01/2MT/HF
PG 13.5	FSQ.A.2/B03/2MT/HF/C
PG 13.5	FSQ.A.2/B01/1MT/C
PG 13.5	FSQ.A.2/B04/1MT/C

Change-over

M12 x 1	FSM.S.2
M16 x 1	FSM.S.2/S2
M16 x 1	FSM.S.2/S2AT

Electrical Character.

Max. switch. voltage contact
Max. switch. current contact
Max. switch. power contact

220 - 500 V
0.05 ÷ 3 A
50 - 100 VA

250 - 500 V
0.5 - 3 A
10 - 100 VA

General Characterist.

Output connection
Halogen free cable

REFERENCES
Silicone / PVC Cable

REFERENCES
FSQ.A.3/A01/2MT/HF
FSQ.A.2/B03/2MT/HF/C
FSQ.A.2/B01/1MT/C
FSQ.A.2/B04/1MT/C

Silicon cable with metallic sheath

Operating distance

Protection degree

Operating temperature

Case

7 - 23 mm.
IP 67
-25° to +75°C
Brass - Nickel plated brass

7 - 30 mm.
IP 67
-25° to +75°C
Stainless steel: FSQ.A.3/A01/2MT/HF
AISI 303 Stainless steel: FSQ.A.2/B03/2MT/HF/C
FSQ.A.2/B01/1MT/C
FSQ.A.2/B04/1MT/C

High temp. applications

Explosive Environm. appl.

FSM.S.2/S2AT

FSQ.A.2/B03/2MT/HF/C
FSQ.A.2/B01/1MT/C
FSQ.A.2/B04/1MT/C