

Proximity Magnetic Sensors Cylindrical Body, FSM Series

CARLO GAVAZZI



- Cylindrical case
- Brass or nickel-plated brass body
- M12 or M16 diameter
- NO or CO output functions
- Front side switching

Product Description

The cylindrical proximity magnetic sensors of the FSM series are available in different versions with brass or nickel-plated brass body, different dimensions and output contacts and can be mounted

directly on ferromagnetic supports. FSM.A.7 model is provided with output function status LED, while FSM.S.2/S2/AT can resist to temperatures up to 180 °C.

Ordering Key

FSM.S.2/S2/AT

Type

Output Function

Reed Contact Type

Special Versions

Special Applications

Type Selection

Dimensions	Output function	High temperature applications	Reference
M12 x 1	NO	-	FSM.A.2 FSM.A.7
M16 x 1	Change-over	-	FSM.S.2 FSM.S.2/S2
		Yes	FSM.S.2/S2/AT

General specification

Case

FSM.A.2 FSM.A.7 FSM.S.2
FSM.S.2/S2 FSM.S.2/S2/AT

Nickel-plated brass
Brass

Protection degree

IP67

Operating temperature

FSM.S.2/S2/AT

-25 to +75°C
-25 to +180°C

Output connection

FSM.A.2 FSM.S.2 FSM.S.2/S2
FSM.A.7 FSM.S.2/S2/AT

PVC Cable
Silicone Cable

Electrical specifications

Contacts	2	7	S.2
Max switching voltage	250 Vac	-	220 Vac
Max switching current	3 A	50 mA	1 A
Max switching power	100 VA	-	60 VA

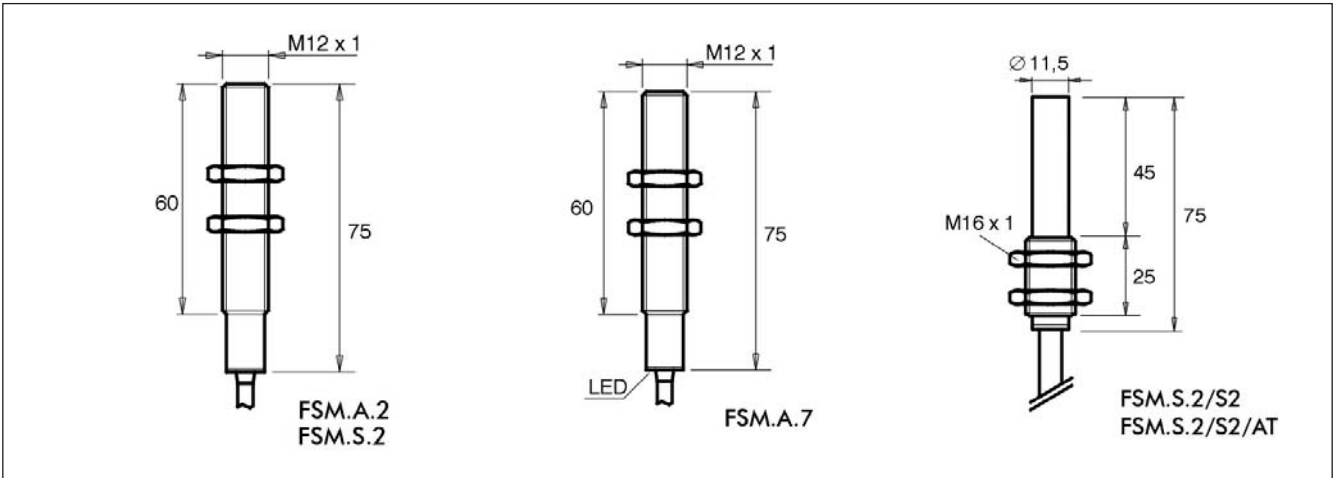
Operating distance

Magnetic Units	CL.10	CL.11	CL.18	CL.20/S1	CL.20/S3	CL.23	CL.31	CL.50
FSM.A.2	-	16	2	14	13	11	19	-
FSM.S.2	-	9	-	-	-	-	-	19
FSM.A.7*	-	-	-	-	-	-	-	-
FSM.S.2/S2/AT	-	-	-	-	8	-	-	-

* ≥ 7 mm with Neodimium REN 35, 5x5x1,5 magnetic unit mounted on iron



Dimensions



Wiring Diagrams

