



# Proximity Magnetic Sensors, Rectangular

## Types

### S series



### SPB.2 series



### SPA.1 series



## External Dimensions (mm)

21.2 x 11.5 x 79

24 x 25.5 x 85

16 x 90 x 20

## References

Output -Normally open  
Function -Normal. closed  
-Change-over  
-Bistable  
-Bistable CO

**S.A.2 S.A.8**  
**S.C.2 S.C.8**  
**S.S.2**  
**S.B.2 S.B.2/S5**  
**S.BS.2**

Output -Faston  
Connection -Cable  
GND Connection  
-Within the output cable  
-Thin plate fixed on the case

**SP.B.2**  
**SP.B.2/2MT**

**SPA.1/S2**  
**SPA.1/S3**

## Electrical Character.

Max. switch. voltage contact  
Max. switch. current contact  
Max. switch. power contact  
Power supply  
Output 1 / Output 2

220 - 1500 V  
1 - 3 A  
60 - 120 VA

250 V  
3 A  
100 VA

24 VDC  
Max. 5VA-0.5 A / Max. 100VA-4 A

## General Character.

Operating distance / Case  
Prot. degree / Operat. temp.  
Output connection  
Output function  
Output function E1 / E2

8 - 32 mm / Plastic  
IP 67 / -25°C to +75°C  
PVC cable

5 - 30 mm / Plastic  
IP 67 or IP 65 / -25°C to +75°C

12 mm / ABS class V0  
IP 67 / -25°C to +80°C  
PVC cable

Bistable

NC

## Types

### M and MS series



### MM series



## Output function

NO  
NC  
S

Cable break. detection	EX applicat. addressed	REFERENCES
Yes	-	<b>M.S.A.1</b>
-	-	<b>M.A.3</b>
-	Yes	<b>M.A.1/2MT</b>
-	Yes	<b>M.C.1/2MT</b>
-	-	<b>M.C.3</b>
-	-	<b>M.S.1</b>

External dimensions	Output connection	REFERENCES
14x23.5x6.1	Twin lead cable	<b>MM.A.6</b>
7x27x11	PVC cable	<b>MM.A.3</b>
-	-	-
-	-	-
7x27x11	PVC cable	<b>MM.S.1</b>

## Electrical Characterist.

Contact

Max. swit. voltage  
100 - 500 V

Max. swit. current  
0.25 - 0.75 A

Max. swit. power  
5 - 10 VA

Max. swit. voltage  
100 - 500 V

Max. swit. current  
0.25 - 1 A

Max. swit. power  
5 - 10 VA

## General Characterist.

External dimensions (mm.)  
Operating distance  
Output connection  
Protection degree  
Operating temperature  
Case

8.3 x 37 x 16  
7 - 35 mm.  
PVC cable  
IP 67  
-25° to +80°C  
-10° to +80°C **M.A.1/2MT M.C.1/2MT**  
Plastic or Auto extinguishing polipropylene with 30% fiber glass

See references  
10 - 50 mm.  
See references  
IP 67  
-25° to +75°C  
Plastic