

# Accessories

For automatic doors



## Infrared, volumetric and swipe sensors, even remotely controlled.



- Refined and exclusive design.
- Control solutions for any needs.
- Various models of sensors for top functionality of the door in any application.
- Simplified connections directly to the control board that commands the operator.
- Safe and efficient.
- Tested in compliance to parameters established by the current norms.

### Dimensions (mm)

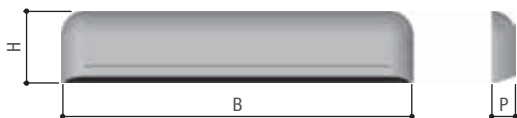


Table of dimensions (mm)

MODELS	B x H x D (mm)
MR8534 • MR8570 • MR8590	340 - 700 - 900 X 43.5 X 47.5
MR8003	221 X 63 X 29.9
MR8106 • MR8107	120 X 80 X 50
MR8204	270 x 58 x 50
MS9502	84 x 84 x 14

### Limits to use

MODELS	RANGE (m)	MAX HEIGHT OF INSTALLATION (m)
MF9011 • MF9111	7	
SIPA08 • SIPA09	10	
MR8534 • MR8570 • MR8590	-	1.3 ÷ 3.5
MR8003	-	3
MR8106 • MR8107	-	4
MR8204	-	1.8 - 3
MS9502	0.5	-

### Technical features

MODELS	MF9011 • MF9111 • SIPA08 • SIPA09	MR8534 • MR8570 • MR8590	MR8003
Protection rating (IP)	-	53	31
Type and range of contact	NC - 50 V DC - 0.1 A (RESISTIVE LOAD)	NC 42 V AC - DC 1 A (resistive load)	NC - 50 V DC - 0.3 A (RESISTIVE LOAD)
Power supply (V)	24 - 24 AC - DC	12 - 24 AC ± 10% / 12 - 30 DC - 5% + 10%	12 - 30 AC - DC
Current draw (mA)	AC 125 Max. - DC 40 Max.	95	160 Max. (12 V)
Intervention time	25 ms	64 ms	< 0.3 s
Recovery time	200 ms	-	0.5 s
Operating temperature (°C)	-20 ÷ +55	- 25 ÷ 55	-20 ÷ +55



### Technical features

MODELS	MR8106 • MR8107	MR8204	MS9502
Protection rating (IP)	54	54	-
Type and range of contact	1 A (RESISTIVE LOAD)	NC 42 V AC - DC 1 A	1 A (RESISTIVE LOAD)
Power supply (V)	12 - 24 AC - DC	12 - 30 DC - 5% + 10%	12 - 24 AC - DC
Current draw (mA)	-	100	-
Intervention time (s)	0.5 ÷ 9 (ADJUSTABLE)	25 ms	0.5
Recovery time	-	-	-
Operating temperature (°C)	-20 ÷ +55	- 25 ÷ 55	-20 ÷ +55

● 12 - 24 V DC



Code	Description
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### Micro-photocells for the SIPARIO series

001 <b>SIPA08</b> 	Pair of flush-mountable micro-photocells with infra-red beam (24 V AC - DC), complete with shielded cable of 6 m in length. Range: 10 m.
001 <b>SIPA09</b> 	Two pair of flush-mountable micro-photocells with infra-red beam (24 V AC - DC), complete with shielded cable of 6 m in length. Range: 10 m.






### Micro-photocells for the RODEO series

001 <b>MF9011</b> 	Pair of flush-mountable micro-photocells with infra-red beam (24 V AC - DC), complete with shielded cable of 6 m in length. Range: 7 m.
001 <b>MF9111</b> 	Two pair of flush-mountable micro-photocells with infra-red beam (24 V AC - DC), complete with shielded cable of 6 m in length. Range: 7 m.





### Active infra-red safety radar with background suppression

001 <b>MR8534</b> 	Safety radar (*L = 340 mm) with background suppression. 12 - 24 V AC $\pm$ 10% / 12 - 30 V DC - 5% + 10%. - Application height: 1.3 ÷ 3.5 m. - Detection area: adjustable.
001 <b>MR8570</b> 	Safety radar (*L = 700 mm) with background suppression. 12 - 24 V AC $\pm$ 10% / 12 - 30 V DC - 5% + 10%. - Application height: 1.3 ÷ 3.5 m. - Detection area: adjustable.
001 <b>MR8590</b> 	Safety radar (*L = 900 mm) with background suppression. 12 - 24 V AC $\pm$ 10% / 12 - 30 V DC - 5% + 10%. - Application height: 1.3 ÷ 3.5 m. - Detection area: adjustable.



### Active infra-red radar

001 <b>MR8003</b> 	Radar with adjustable field (12 - 24 V AC - DC). - Max application height: 3 m - Detection area with field depth 0.41 ÷ 1.77 m and field width of 3.1 m.
001 <b>MR8204</b> 	Radar with adjustable field. 12 - 30 V DC - 5% + 10%. - Application height: 1.8 ÷ 3 m. - Detection area: adjustable.



NOTE 001MR8534 - 001MR8570 - 001MR8590 - 001MR8003 NOT SUITABLE FOR METAL MASS DETECTION (example: trolleys)  
\*L = length of the device

001MR8204 - 001MR8534 - 001MR8570 - 001MR8590 are all certified by:  
R&TTE 1999/5/EC; MD 2006/42/EC; LVD 2006/95/EC; ROHS 2 2011/65/EU; EN 16005:2012; EN 12978:2009;  
EN IEC 62061:2005 SIL2, EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 Pl «c»  
CAT.2 (provided that the control system monitors the detector at least once every door cycle)