

MINI FLY

PASSIVE INFRARED SENSOR FOR OPENING

Commercial sheet

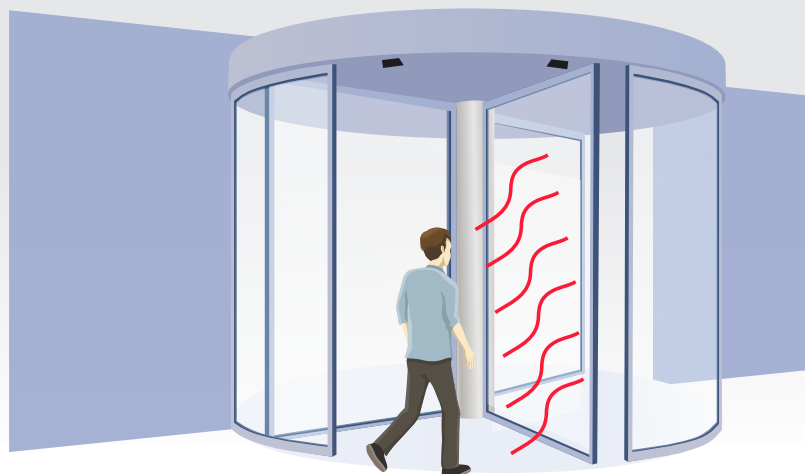


PASSIVE INFRARED SENSOR

DESCRIPTION

MINI FLY is an opening sensor using passive infrared technology. This compact sensor offers a comfortable and reliable opening for revolving doors.

MINI FLY ■



FEATURES

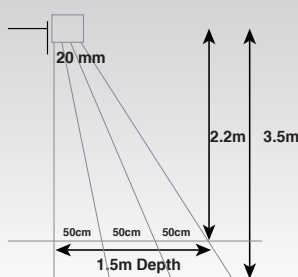
- Smaller size and higher installation height up to 3.5m.
- Advanced temperature compensation technology (guarantee the detection even when background temperature is close to human body).
- Excellent immunity performance against interference.
- -4° to $+4^{\circ}$ adjustable angle.
- Detection zone can be adjusted by using masking lens.
- Potentiometer to adjust detection sensitivity.
- Adjustable output setting.



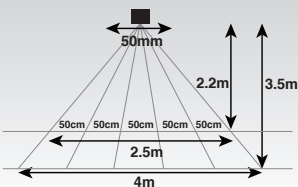
Automatic revolving doors



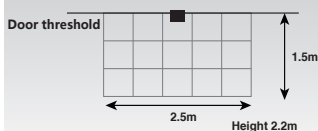
Automatic sliding doors



Sensing field dimensions--Profile view



Sensing field dimensions--Front view



Sensing field dimensions--Flat view

APPLICATIONS

- Opening for sliding doors, swing doors and revolving doors.
- Easily to be used in revolving doors using MFCA accessory.

EASE OF INSTALLATION

- Templates are provided for reliable installation.
- Mechanical adjustment of detection zone by adjusting angle and masking lens.

ACCESSORIES

- Ceiling mounting accessory MFCA.

TECHNICAL SPECIFICATIONS

Features:	Microprocessor control/ temperature compensation technology/ adjustable installed angle
Mounting height:	Up to 3.5m
Mounting angles:	-4° to +4°
Maximum detection area :	2.5m (W) ×1.5m (D) mounting height of 2.2m 4.0m (W) ×2.4m (D) mounting height of 3.5m
Detection mode:	Movement
Detection speed:	0.1 to 1.5m/s
Relay hold time:	0.5s/2s
Response time:	Max 200 ms
Power supply:	12 VDC -10% to 24 VDC+30% / 12 VAC to 24 V AC +/-10 %
Main frequency:	50/60 Hz
Power consumption:	<1W
Temperature range	From -30°C to +55°C
Degree of protection:	IP54
Standard output relay:	
Max contact voltage	60 V DC/ 42 V AC
Max contact current	1A (resistive)
Max switching power	30W (DC) / 60 VA(AC)
Dimensions of sensor:	64mm(W)×41mm(H)×23mm(D)
Immunity:	Electromagnetic compatibility(EMC) according to 89/336/EEC

Specifications are subject to change without prior notice.

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