

	The door remains closed. The LED is OFF.	The sensor power is off.	<ol style="list-style-type: none"> 1 Check the wiring and the power supply.
	The door does not react as expected.	Improper output configuration on the sensor.	<ol style="list-style-type: none"> 1 Change the output configuration setting on each sensor connected to the door operator.
	The door opens and closes constantly.	The sensor is disturbed by the door motion or vibrations caused by the door motion.	<ol style="list-style-type: none"> 1 Make sure the sensor is fixed properly. 2 Increase the antenna angle. 3 Increase the immunity filter. 4 Reduce the field size.
	The door opens for no apparent reason.	It rains and the sensor detects the motion of the rain drops.	<ol style="list-style-type: none"> 1 Make sure the detection mode is unidirectional. (E 5+) 2 Increase the immunity filter. 3 Install the ORA (rain accessory).
		In highly reflective environments, the sensor detects objects outside of its detection field.	<ol style="list-style-type: none"> 1 Change the antenna angle. 2 Decrease the field size. 3 Increase the immunity filter.
		In airlock vestibules, the sensor detects the movement of the opposite door.	<ol style="list-style-type: none"> 1 Change the antenna angle. 2 Increase the immunity filter.
	Detection area is too small	Sensitivity is too low Height mode is error set	<ol style="list-style-type: none"> 1 Adjust sensitivity potentiometer, increase sensitivity. 2 When mounting height is more than 3 meters, turn the switch 3 to ON.



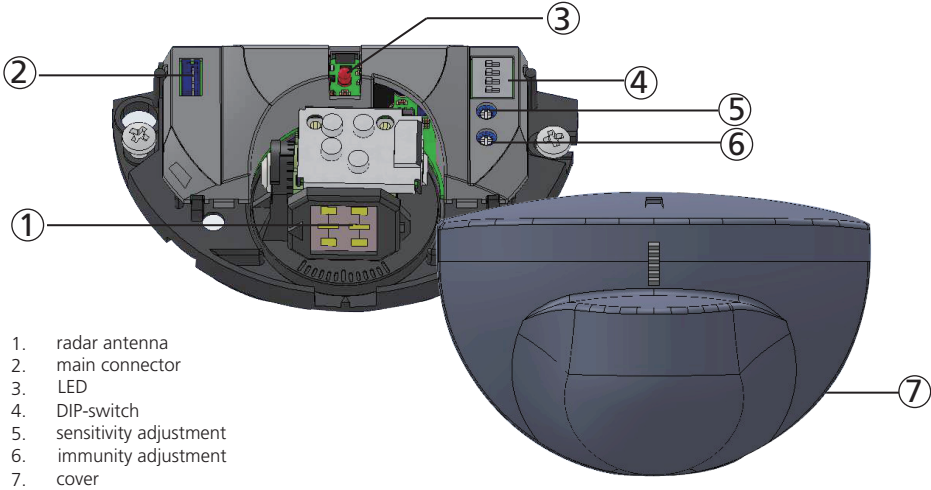
Please keep for further use
Designed for colour printing

EAGLE 5+ & 6+

Opening sensors for automatic doors

EAGLE 5+: energy-saving unidirectional sensor
EAGLE 6+: bidirectional sensor

DESCRIPTION

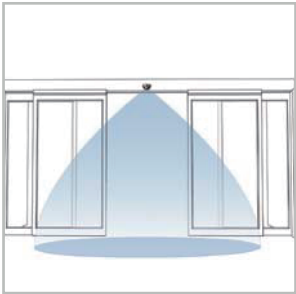


TECHNICAL SPECIFICATIONS

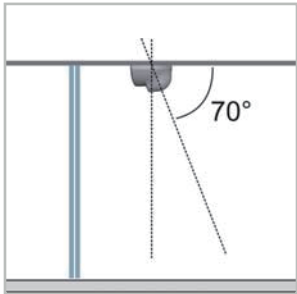
Technology:	microwave doppler radar
Transmitter frequency:	24.150 GHz
Transmitter radiated power:	< 20 dBm EIRP
Transmitter power density:	< 5 mW/cm²
Detection mode:	motion
Min. detection speed:	5 cm/s (measured in sensor axis)
Supply voltage:	12 V to 24 V AC ±10%; 12 V to 24 V DC +30% / -10%
Mains frequency:	50 to 60 Hz
Max power consumption:	< 2 W
Output:	relay (free of potential change-over contact)
Max. contact voltage:	42 V AC/DC
Max. contact current:	1 A (resistive)
Max. switching power:	30 W (DC) / 60 VA (AC)
Mounting height:	from 1.8 m to 4 m
Degree of protection:	IP54
Temperature range:	from -20 °C to + 55 °C
Dimensions:	120 mm (L) x 80 mm (H) x 50 mm (W)
Tilt angles:	0° to 90° vertical; -30° to +30° lateral
Material:	ABS
Cable lenght:	2.5 m
Norm conformity:	R&TTE 1999/5/EC; EMC 2004/108/EC

Specifications are subject to changes without prior notice.
Measured in specific conditions

APPLICATIONS

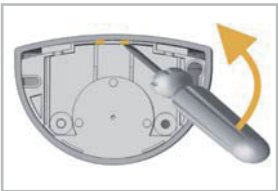


Wall mounting
(sliding or revolving door)



Ceiling mounting
(sliding, revolving or swing doors)

OPENING THE SENSOR

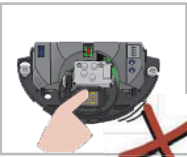


Before fixing



After fixing

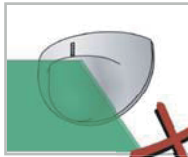
TIPS



Do not touch electronic parts.



Avoid vibrations.

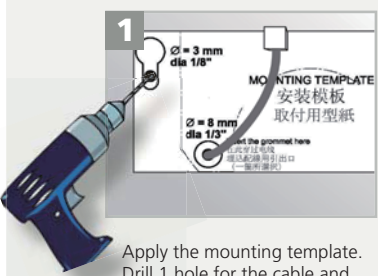


Do not cover the sensor.

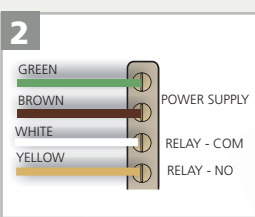


Avoid proximity to neon lamps or moving objects.

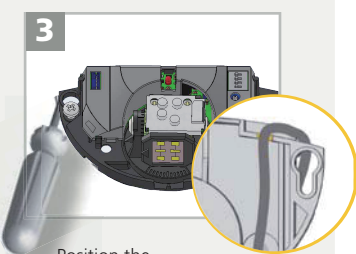
1 MOUNTING & WIRING



Apply the mounting template.
Drill 1 hole for the cable and pull it through.
Drill 2 holes for the screws.



Connect the wires to the door operator as indicated.

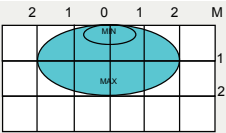


Position the cable as indicated.
Fix the sensor firmly.

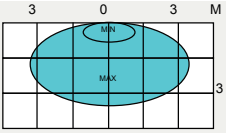
2 ADJUSTMENTS

DIP-SWITCH	DIP 1 DETECTION MODE				DIP 2 OUTPUT CONFIG.		DIP 3 MOUNTING HEIGHT		DIP 4 NOT USED	
	EAGLE 5+				ON	unidirectional	passive - NC	3m-4m	NOT USED	
					OFF	bidirectional	active - NO	1.8m-3m	NOT USED	
	EAGLE 6+				ON	bidirectional	passive - NC	3m-4m	NOT USED	
					OFF	bidirectional	active - NO	1.8m-3m	NOT USED	

SENSITIVITY



Angle: 30° Mounting height: 2.2m



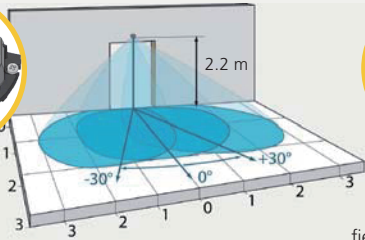
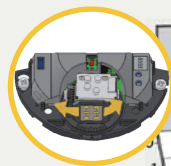
Angle: 30° Mounting height: 4.0m

IMMUNITY



To increase the immunity means to strengthen the resistance to external disturbances such as rain, vibrations, etc...

ANGLE



field size: max

