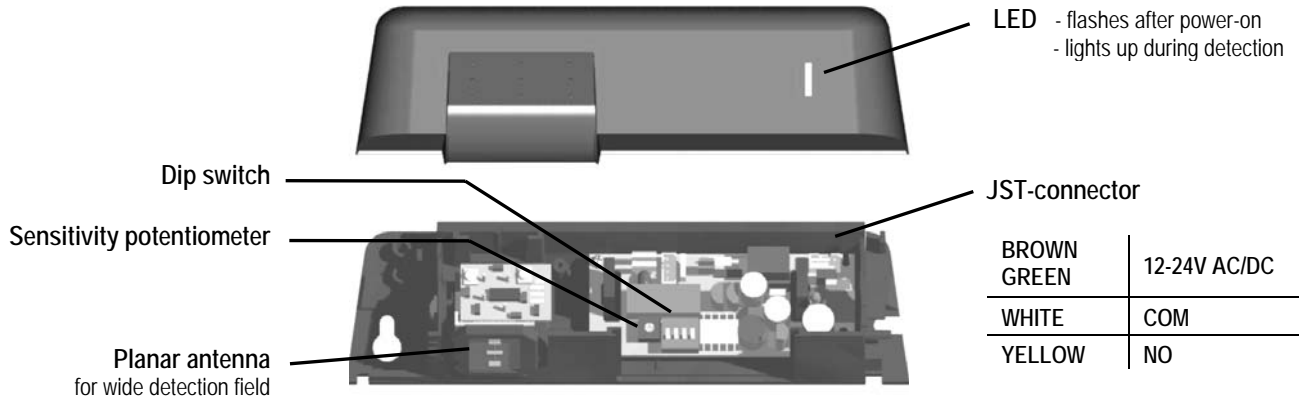


## UNIVERSAL MOTION SENSORS FOR AUTOMATIC DOORS

### 1 General information



### 2 Adjustments

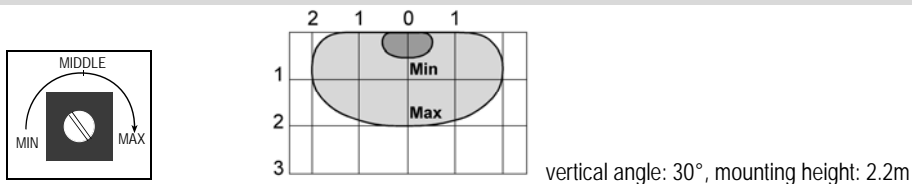
#### 1 Dip switch settings

SEAGLE SLIM ONE	DIP SWITCH 1 Detection mode	DIP SWITCH 2 Relay configuration	DIP SWITCH 3 MTF-mode	DIP SWITCH 4 Immunity
▲ ON	Unidirectional mode	Passive output	Unidirectional with MTF	Increased immunity
▼ OFF	Bidirectional mode	Active output	Unidirectional without MTF	Normal immunity

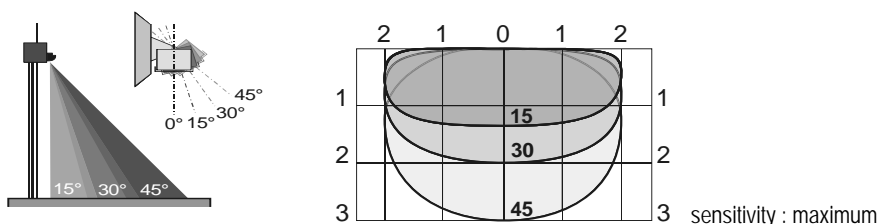
  

SEAGLE SLIM TWO	DIP SWITCH 1 Detection mode	DIP SWITCH 2 Relay configuration	DIP SWITCH 3 MTF-mode	DIP SWITCH 4 Immunity
▲ ON	---	Passive output	---	Increased immunity
▼ OFF	Bidirectional mode	Active output	---	Normal immunity

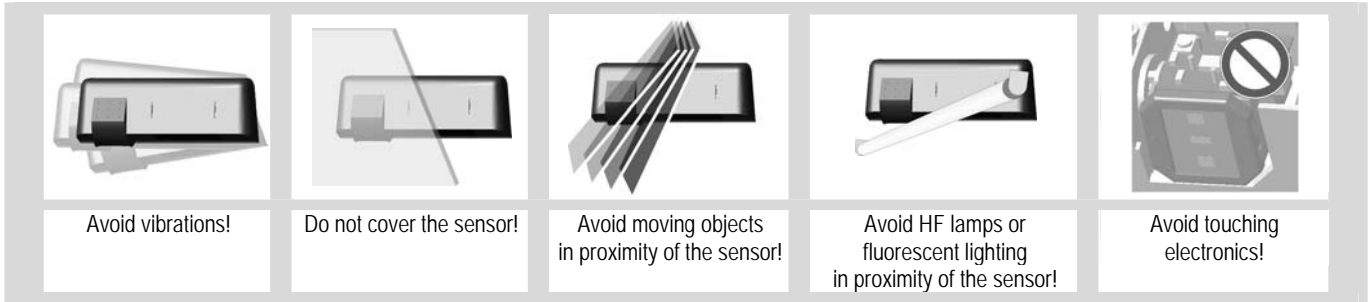
#### 2 Size of the sensing field: sensitivity settings



#### 3 Depth of the sensing field: vertical angle of the planar antenna



### 3 Installation tips



### 4 Troubleshooting

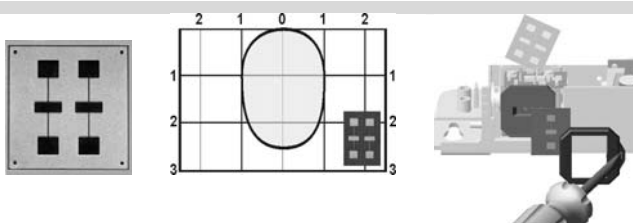
SYMPTOMS	PROBABLE CAUSES	CORRECTIVE ACTION
The door will not open and no red LED lights up.	The sensor power is off.	Check the wiring and the power supply.
The door opens and closes constantly.	The sensor "sees" the door moving. When closing, the door creates vibrations picked up by the sensor.	Increase the tilt angle and/or reduce the sensitivity. Make sure that the sensor is correctly fixed. Switch to unidirectional mode (dip switch 1: ON). Increase the immunity (dip switch 4: ON). Reduce the sensitivity.
The door will not close. Red LED is OFF.	ON-OFF switch at door control is in wrong position or faulty. Improper output configuration.	Make sure that the ON-OFF switch for the door is in the ON or AUTOMATIC position. Check the output configuration setting on each sensor connected to the door operator.
It rains and the sensor detects for no apparent reason.	The sensor detects the motion of the rain drops.	Switch to unidirectional mode and increase the immunity (dip switches 1&4: ON).

### 5 Technical specifications

Technology	: microwave and microprocessor
Transmitter frequency	: 24.175 GHz
Transmitter radiated power	: <20 dBm EIRP
Transmitter power density	: < 5mW/cm <sup>2</sup>
Maximum mounting height	: 3m
Vertical tilt angle	: from 15° to 50°
Detection field (mounting height=2.2m)	: 4m (W) x 2m (D)
Detection mode	: motion
Minimum speed	: 5 cm/s (measured in the sensor axis)
Supply voltage	: 12V to 24V AC/DC +30% / -10%
Mains frequency	: 50 to 60 Hz
Power consumption	: < 2W (VA)
Output relay (free of potential change-over contact)	
Max. contact voltage	: 42V AC- 60V DC
Max. contact current	: 1A (resistive)
Max. switching power	: 30W (DC) / 60VA (AC)
Hold time	: 0.5s
Temperature range	: -20°C to +55°C
Degree of protection	: IP54
Norm Conformity	: EMC 2004/108/EC
Material	: ABS
Color of housing	: anthracite grey, aluminum finish, white
Dimensions	: 183 mm (W) x 59 mm (H) x 43 mm (D)
Weight	: 0.215kg
Length of cable	: 2.5m

### 6 Accessories (sold individually)

42.0689 / V2 - 07.08



Planar antenna for narrow detection field



The declaration of conformity and other technical documentation are available on our website or can be requested by phone or mail.