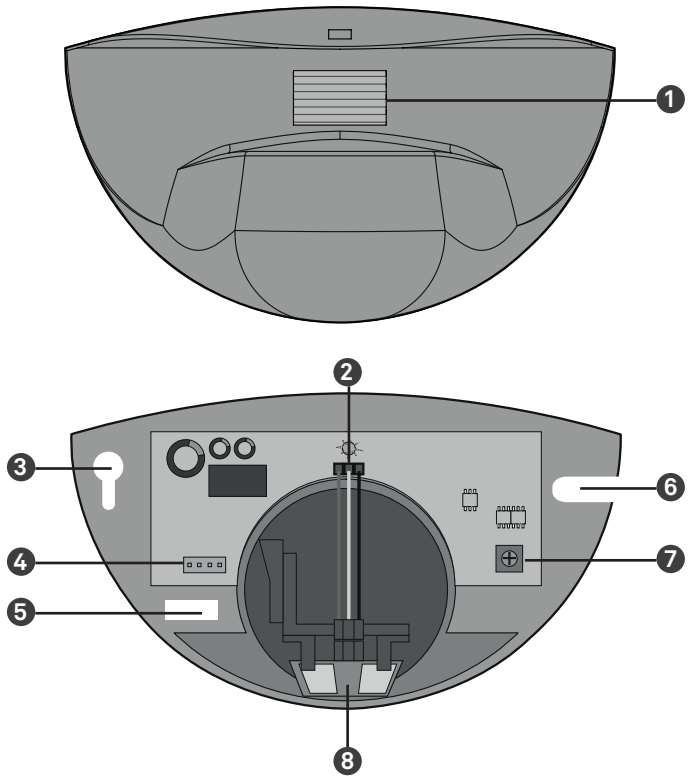
TECHNICAL SPECIFICATIONS



1	LED	5	JST cable input
2	Detetor's cable connector (control board)	6	Suport place
3	Suport place	7	Sensitivity Reg. Potentiometer
4	JST connector	8	Detector

CHARACTERISTICS BOARD

• Technology	12~24V AC/DC (-/+10%)
• Transmission frequency	Relay
• Transmission power	65mA
• Transmission Density	130mA
• Maximum installation height	3500mm
• Installation angles	vertical: 0º to 90º | lateral: -30º to 30º
• Detection zone (Mounting Height: 2.2m)	6m (W) x 3m (D)
• Detection type	Movement
• Minimum speed	5cm/s
• Power Supply	12V to 24V AC/DC +30% /-10%
• Frequency	X-BAND 24.125GHz
• Consumption	<2W (VA)
• Pause time	1.0sec
• Working temperature	-25ºC to 55ºC
• Protection degree	IP54
• Standards	R&TTE 1999/5/EC; EMC89/336/EEC
• Material	ABS
• Colour	Black
• Dimensions	120 x 80 x 50 mm
• Weight	0.265kg
• Cable length	2500mm
RELAY OUTPUT	
• Contact maximum voltage	42V AC - 60V DC
• Contact maximum current	1A (resistive)
• Maximum power	30W (DC) / 60VA (AC)

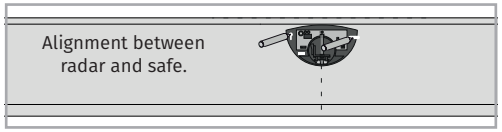
RADAR INSTALLATION

• SPECIAL CARE DURING INSTALLATION

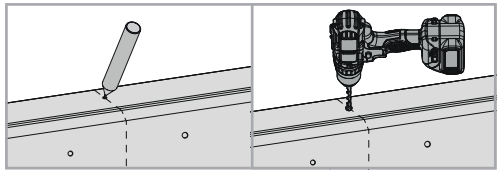
01. Fix the radar firmly in order to avoid vibrations.
02. Do not cover or block the sensor's field of action.
03. Avoid placing moving objects in sensor proximity.
04. Avoid fluorescent lamps near the sensor.
05. Avoid touching the electronic components.
06. Turn the potentiometer slowly and without forcing.

RADAR INSTALLATION

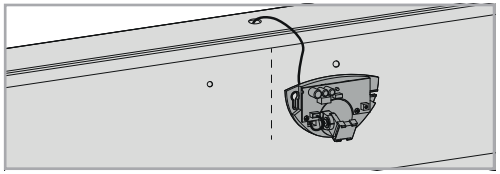
• INSTALLATION



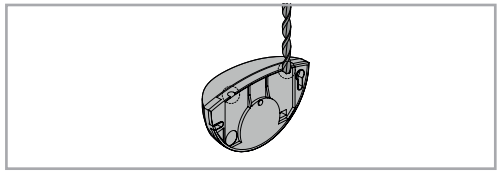
01. Place the radar centered with the safe's cover and aligned by the upper limit. Mark and drill the holes.



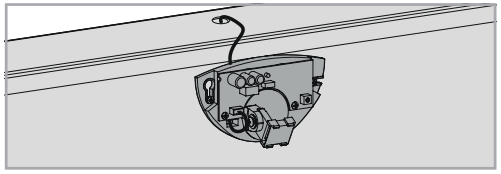
02. Make a hole on top of the safe to pass the cable from the inside to the outside.



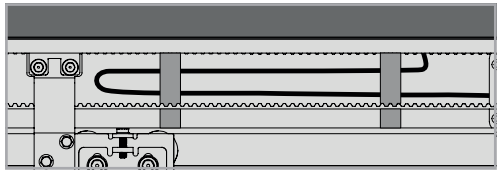
03. Pass the cable through the hole made, and connect it in the existing connector inside the radar and in the connection's board inside the safe (connections scheme).



04. The radar has two cable outputs on the top. With the radar closed, choose one of them and, with the help of a drill, open the cable passage.

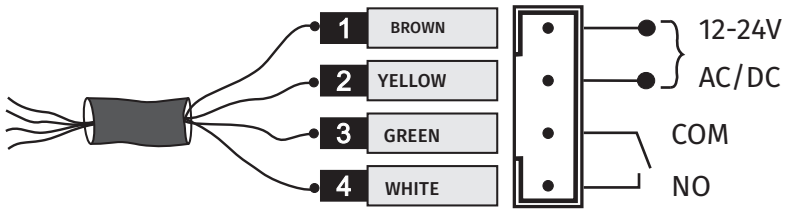


05. Reopen the radar a fix it on the holes previously made. Place the frontal cover. The cable should go through the passage made on top of the radar in the preceding paragraph (04).



06. Finally, stretch and fix the cable inside the safe door, so that it does not interfere with the movement of other components such as belt or carts.

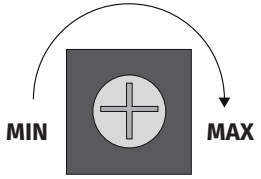
• CONNECTION DIAGRAM

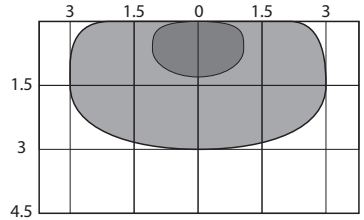


ADJUSTMENTS

• SENSITIVITY AND RANGE ADJUSTMENTS

Adjusting the sensitivity determines the operation area:

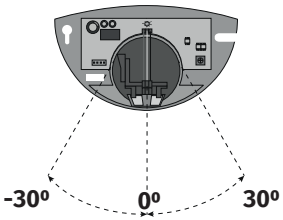


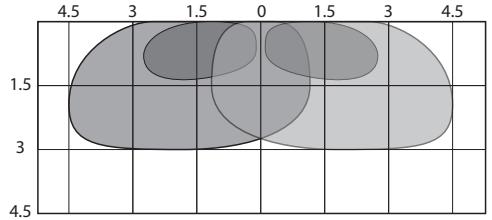


Vertical angle : 30º

Assembly height: 2.2m

Adjusting the lateral angle determines the position of the operation area:





Adjust the vertical angle determines the depth of the operation area: