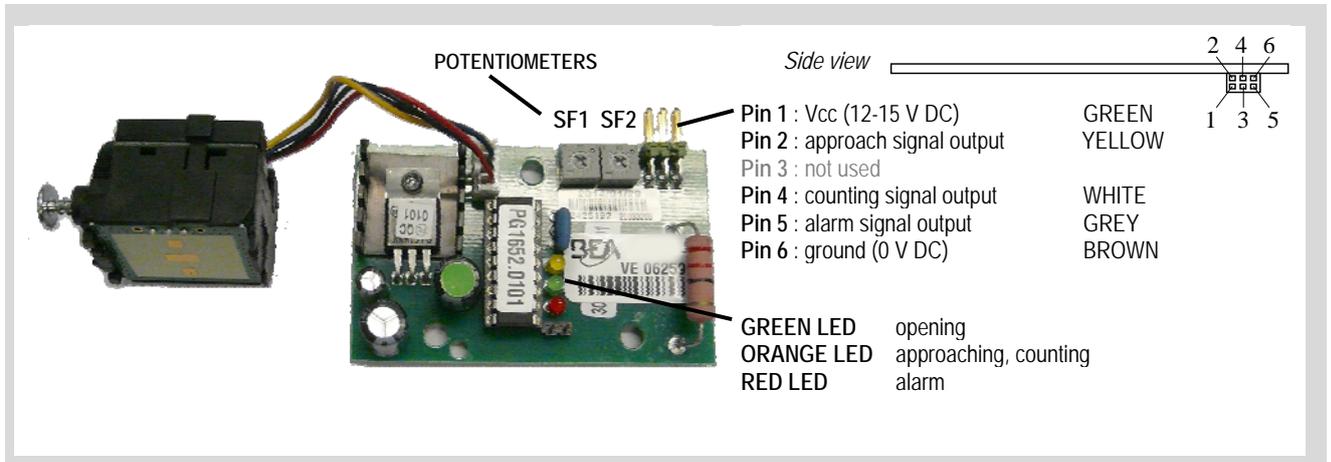
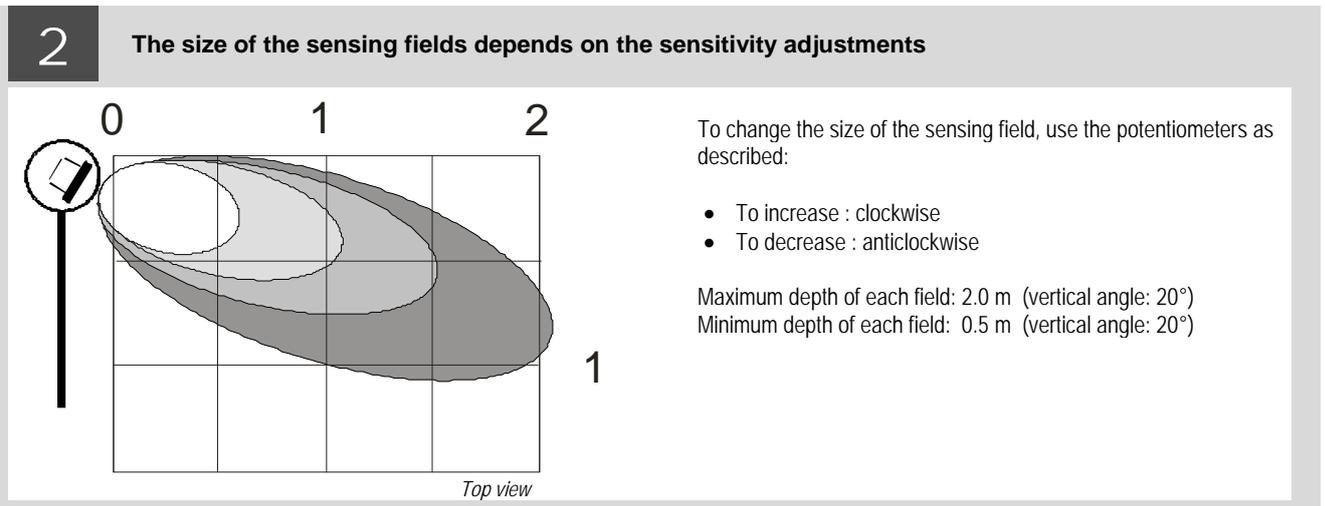
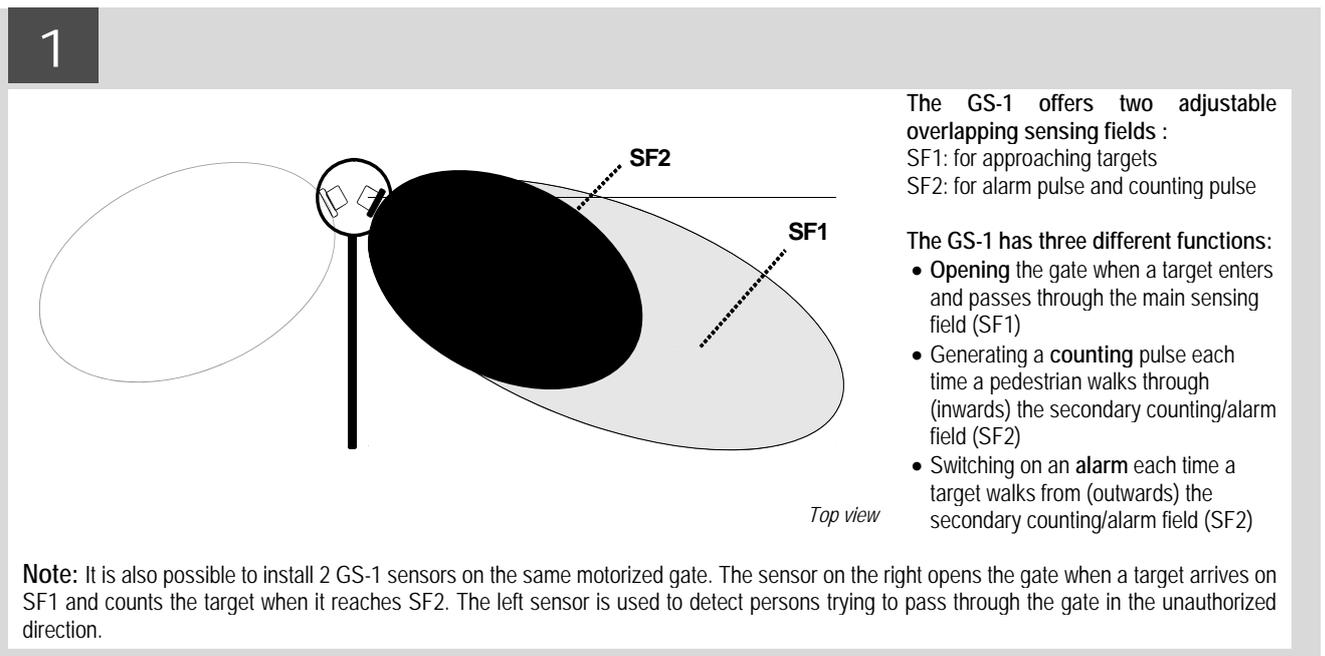


MOTION SENSOR FOR MOTORISED GATES

1 Description & wiring

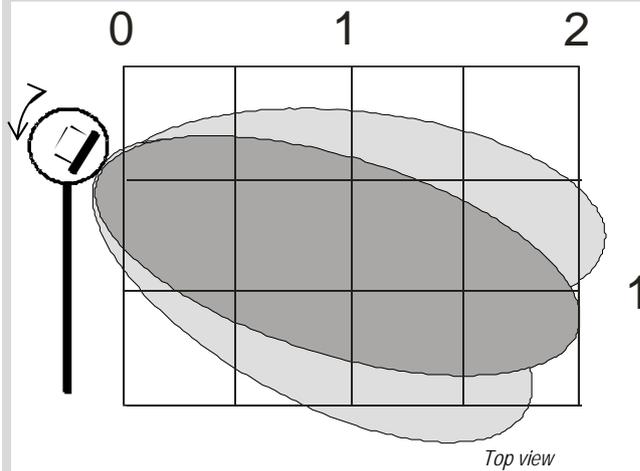


2 Detection fields

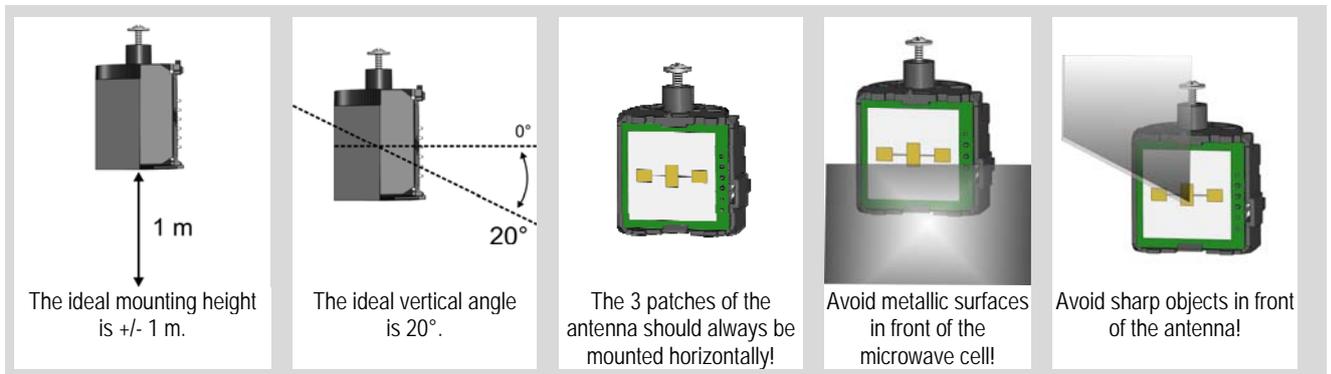


3

The location of the sensing fields depends on the transceiver's vertical and lateral angles



3 Installation tips



4 Troubleshooting

SYMPTOMS	PROBABLE CAUSES	CORRECTIVE ACTION
The gate will not open. The LEDs do not light up.	There is no power supply to the gate. There is no power supply to the sensor. Transceiver is not connected to the PCB.	a) Check power cable. b) Check power supply. Check the transceiver connection.
The sensor detects persons walking through bordering gates.	Lateral transceiver angle is not correctly adjusted. Sensitivity of detection is too high.	Adjust the lateral angle of the transceiver. Decrease the sensitivity of the detection field.
The counting processing detects the same target twice.	The sensitivity of counting field is too high.	Decrease the sensitivity of the counting field.
The counting processing does not detect the target.	The sensitivity of counting field is too low.	Increase the sensitivity of the counting field.
The gate opens and closes permanently.	The sensor detects the gate vibrations.	a) Check the gate stability. b) Decrease the detection sensitivity.

5 Technical specifications

Technology	: microwave and microprocessor
Frequency	: 24.150 GHz (K-band)
Power density	: < 5 mW/cm ²
Detection field	: 1 m (I) x 2 m (L)
Minimum speed	: 5 cm/s
Supply voltage	: 12 V to 15 V DC +/- 0%
Power consumption	: < 1 W
Standard output	: 3 PNP type outputs; 15 V DC / 100 mA; 1 approach; 1 counting; 1 alarm
Output hold time	: 0.5 s
LED	: 1 green: detection; 1 yellow: counting; 1 red: alarm
Counting pulse delay	: 250 ms +/- 25 ms
Dimensions	: 115 mm (L) x 115 mm (D) x 105 mm (H)