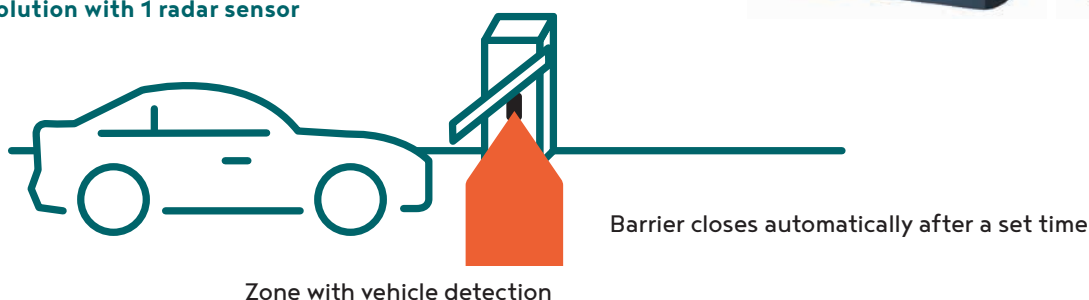# RADAR SENSOR

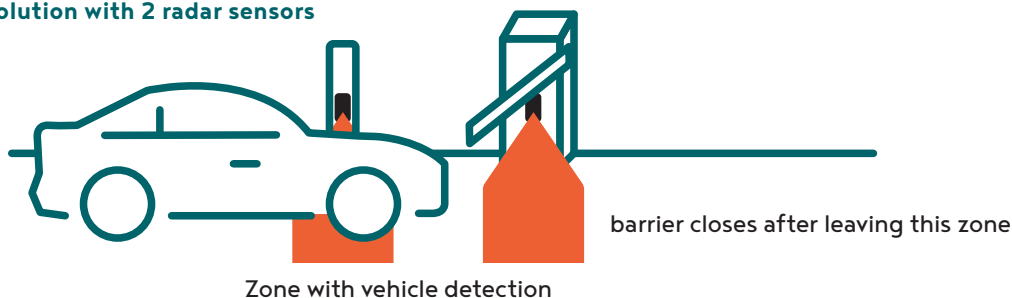## 79GHz rardar sensor for vehicle and person detection

- The radar replaces the safety loop when the barrier is open.
- When secured, the radar detects cars and/or persons
- Parameterization from an Android or Ios GSM phone by Bluetooth connection
- Applicable in all weather conditions
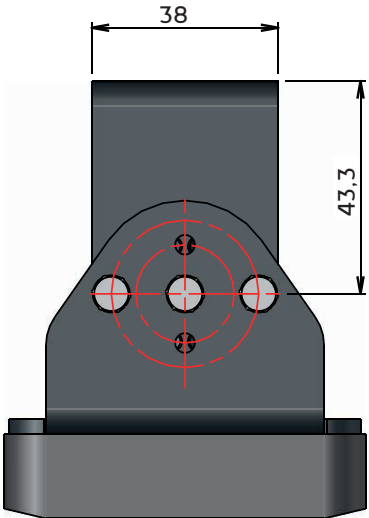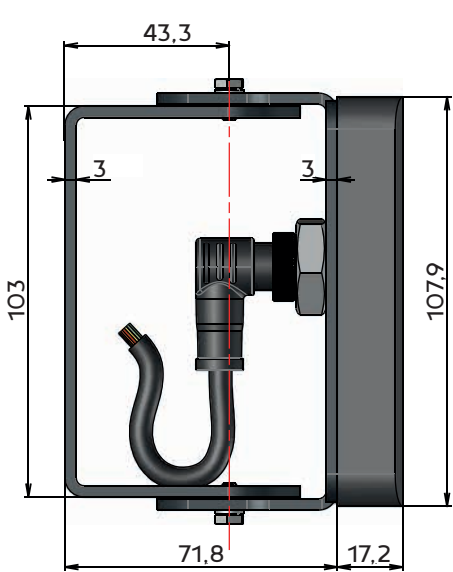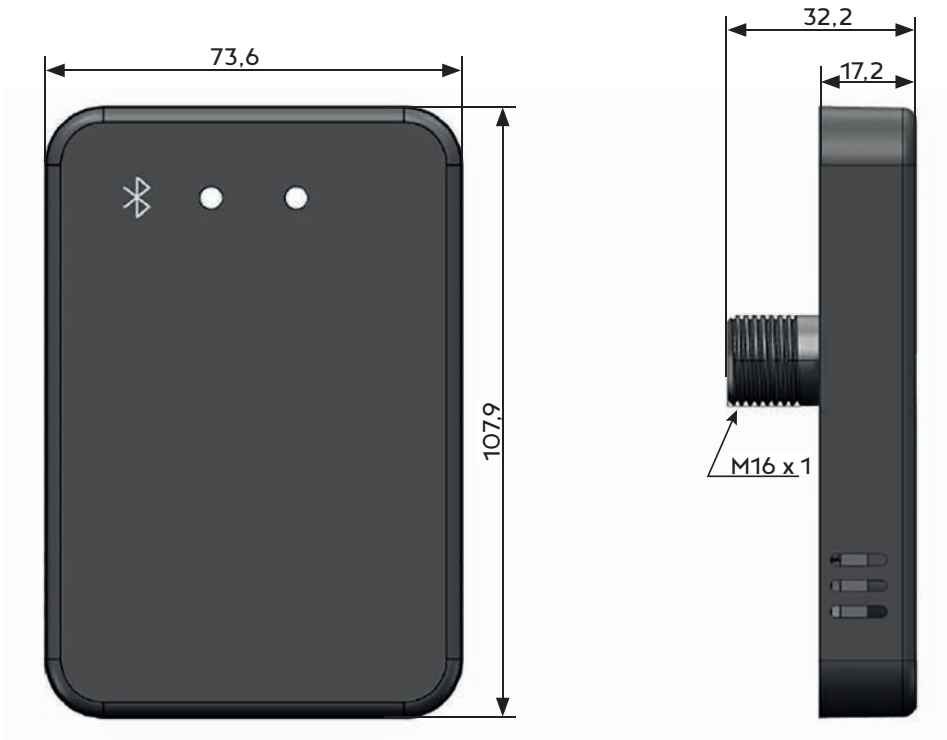
Solution with 1 radar sensor

Zone with vehicle detection

Barrier closes automatically after a set time

Solution with 2 radar sensors

Zone with vehicle detection

barrier closes after leaving this zone

Technical specifications	
Cable length	1 metre (optional 5 or 10 metres)
Detection distance	from 1 to 6 metres
Detection width	from 0.5 to 1.5 metres – right and left
Detection speed	maximum 30 km/u
LED indication	Green LED: detection – Red LED: power supply
Interface	Bluetooth
Protection class of housing	IP65
Operating temperature	–40°C / 85°C
Output	2 solid-state relay outputs NO–NC
Supply voltage	10 / 24Vdc (recommended voltage 12Vdc), 0.2A
Power usage	< 2,5W
Operating frequency	79Ghz
Dimensions	73,2 x 107,5 x 18 mm
Weight	140g
Certification	CE
Warranty	2 year
Article number	4-050503-0008-000

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Dimensions

73,6

107,9

32,2

17,2

M16 x 1

43,3

3   3

103

107,9

71,8   17,2

38

43,3

Options	
5 m cable with connector	4-050503-0009-000
10 m cable with connector	4-050503-0010-000
Mounting bracket	4-050503-0011-000

Important
Installation must be carried out as described in the user manual.
The radar is a CE-approved sensor but is not a safety sensor = presence detection/monitoring sensor

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