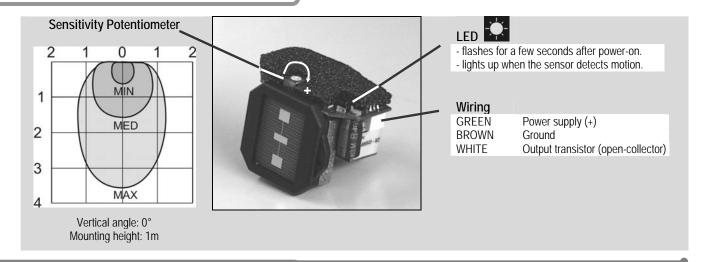


COMPACT GATE SENSOR

General Information



2 **Installation Tips**

Avoid vibrations! Do not cover the sensor!

Avoid moving objects in proximity of the sensor!

Avoid HF lamps and fluorescent lighting in proximity of the sensor! Do not remove the protection which avoids contact with the electronical parts!

3 **Troubleshooting**

SYMPTOMS	POSSIBLE CAUSES	CORRECTIVE ACTION
The gate will not open and no red LED lights up.	The sensor power is off.	Check the wiring and the power supply.
The gate opens and closes constantly.	The sensor "sees" the gate moving. Closing the gate creates vibrations picked up by the	Increase the tilt angle and/or reduce the sensitivity. Ensure that the sensor is correctly fixed to avoid vibrations.
	concor	

4 **Technical Specifications**

Technology : microwave and microprocessor : 24.175 GHz

Transmitter frequency Transmitter radiated power : <20 dBm EIRP Transmitter power density : < 5 mW/cm² Mounting height : from 0.8 m to 1.2 m **Detection area** (mounting height = 1 m) : 2.40 m (W) x 3.60 m (D)

Detection mode

: 5 cm/s (measured in the sensor axis) Minimum speed Supply voltage : 12V to 24V DC +30% / -10%

Power consumption : < 2W (VA)

Output transistor (open collector)

Max. Current : 60 mA Voltage Drop :2 V @ 10mA Temperature range : -20°C to +55°C Norm Conformity : EMC 2004/108/EC

Dimensions : 40 mm (W) x 30 mm (H) x 30 mm (D)

Weight : 140g Length of cable : 1 m (max. 3m)

î

42.0214 / V3 – 12.08

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