

**RFGate 2.2.NG**

**336804A**

Radio transmission system, consisting of 1 transmitter RFGate 2.2.S and 1 receiver RFGate 2.2.R.A

### General data

Channels 2  
 Input programmable for safety edge (8k2) / NC / NO  
 Range 100 m at optimum conditions  
 Communication Bidirectional  
 Frequency bands 868.95 MHz / 869.85 MHz  
 Radiated power < 5 dbm / 3 mW



### Transmitter

#### Mechanical data

Material (housing) Polyamide dark grey  
 Connection 3 Screw terminals

#### Electrical data

Supply voltage 2 Lithium batteries 3V (CR2032)  
 Battery life typ. 2 years  
 Current consumption transmitting: 17mA; idle state: 16µA  
 Inputs 2, programmable for safety edge (8k2) or contact NC or NO  
 Available codes 65'536  
 Dip-switches factory setting: ON, OFF, see picture

### Receiver

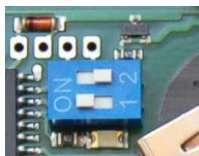
#### Mechanical data

Material (housing) Polyamide grey  
 Connection 12 screw terminals

#### Electrical data

Supply voltage 12–24 VAC/DC –10% / +20%  
 Power consumption 0,5 W at 12 V / 1,2 W at 24 V  
 Transmitter memory 7 transmitters per channel  
 Outputs 2 Relays 24 VDC, 1A; with parallel resistance 8,2 kOhm as option  
 Test input galvanically isolated, NC or NO (adjustable with DIP-switch)  
 Display 3 LEDs (2 status outputs; 1 programming)  
 Dip-switches 5; factory setting: ON, OFF, OFF, OFF, OFF, see picture  
 Low battery indication Acoustical and optical

Factory setting Dip-switches  
 Transmitter



Receiver



### Ambient conditions

Protection category IP55  
 Operating temperature -20°C to +55°C  
 Storage temperature -40°C to +80°C  
 Rel. air humidity < 95%, non-condensing

### Approvals

EN 300 220, EN 301 489  
 EN ISO 13849-1 (PL c, Cat.2, MTTF<sub>d</sub> 28.8)

## RFGate 2.2.NG

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### Scope of Delivery

One RFGate 2.2.NG includes:

- 1 **340870** RFGate 2.2.S Transmitter, housing with cable gland, 1 screw inserted
- 1 **306923** RFGate 2.2.R.A Receiver, housing with cable gland, 2 screws inserted
- 2 Batteries CR2032
- 1 Manual de (340836)
- 1 Manual en (340876)
- 1 Manual fr (340877)
- 1 Manual it (340878)
- 1 manual nl (340879)
- 1 Manual sv (341030)
- 1 Plastic bag with 7 screws to fix the covers and 6 screws for mounting

Packed in a cardboard box 195 x 130 x 85 mm

### Dimensions:

