

# RFGate 2.2.S

340870A

Receiver to radio transmission system

### General data

Channels	2
Frequency bands	868.95 MHz / 869.85 MHz

### Mechanical data

Material (housing)	Polycarbonate 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

### 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

### In combination with receiver:

Range	100 m at optimum conditions
Communication	Bidirectional
Radiated power	< 5 dbm / 3 mW
Low battery indication	On the receiver: Acoustical and optical Approvals
Approvals	EN 300 220, EN 301 489 EN ISO 13849-1 (PL c, Cat.2, MTTFd 28.8)

### Scope of Delivery:

One RFGate 2.2.S includes:  
 1 340870 RFGate 2.2.S Transmitter, housing with cable gland, 1 screw inserted  
 2 Batteries CR2032  
 1 Plastic bag with 5 screws to fix the covers and 2 screws for mounting  
 Packed in a cardboard box 195 x 63 x 56 mm

### Dimensions:

