

# 1-channel radio signal transmission system



## Article

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Item no.	Description
164276	<b>1-channel radio signal transmission system</b> 868 MHz, consisting of: 2-channel receiver IP55 and 1-channel transmitter for one safety contact (NC) or one 8.2 kOhm contact strip, battery operated, IP67

## Scope of delivery

- 1-channel receiver
- 1-channel transmitter with 2 batteries

## Features

### 1-channel receiver

#### Features

- Radio receiver-transmitter system for maximum safety and quick installation
- Bidirectional 868 MHz transmission of up to 7 transmitters per receiver and with up to 10 m range
- 2 different frequencies to avoid interferences
- Test input for standard-compliant safeguarding

### Transmitter

#### Features

- Radio receiver-transmitter system for maximum safety and quick installation
- Bidirectional 868 MHz transmission of up to 7 transmitters per receiver and with up to 10 m range

- Connection option for an 8.2 kOhm contact strip or a safety circuit (NC)
- Up to 2 years battery life (replacement recommended during annual maintenance)
- Acoustic signal in case of low battery

## Use

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### Transmitter

- For receiver for radio transmission system 868 MHz

### Technical data

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#### 1-channel receiver

- Channels: 1
- Radio frequency: 868 MHz
- Connection type: Conventional
- Number of contacts: 1
- Contact type: 1 NC
- Inputs:  
1 Test input
- Outputs:  
1 potential-free relay contact (NC)
- Safety category: 2
- Protection class: IP55
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 55
- Temperature (min./max.)[°C]: -20/55
- Temperature (min.)[°F]: -4
- Temperature (max.)[°F]: 131
- Range [m]: 10
- Operating voltage [V]: 12 V-AC 12 V-DC 24 V-AC 24 V-DC
- Power consumption [VA/W/kW]: 1.2 W
- Contact load (max.):  
24 V/0.5 A
- Width [mm]: 127
- Height [mm]: 81
- Depth [mm]: 46
- Weight [kg]: 0.13

## Transmitter

- Channels: 1
- Radio frequency: 868 MHz
- Connection type: Conventional
- Number of contacts: 1
- Contact type: 1 NC
- Inputs:
  - 1 input for a safety circuit (NC) or an 8.2 kOhm contact strip
- Interfaces: 8.2 kOhm
- Safety category: 2
- Protection class: IP67
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 55
- Temperature (min./max.)[°C]: -20/55
- Temperature (min.)[°F]: -4
- Temperature (max.)[°F]: 131
- Range [m]: 10
- Rated current [A]: 0.017
- battery type: CR2032, 3 V
- Battery count: 2
- Width [mm]: 183
- Height [mm]: 51
- Depth [mm]: 36
- Weight [kg]: 0.13
- Packing width: 0
- Packing height: 0
- Packing depth/length: 0
- Packing weight: 0.168
- Freight forwarding articles: No
- GTIN: 4062435001133
- Customs tariff number: 85269200
- Country of origin 1000: Spanien
- Garantie: -