

# FT42B



## Article

| Item no. | Description                                                                                                            |
|----------|------------------------------------------------------------------------------------------------------------------------|
| 178437   | <b>FT42B</b> One-way photoelectric sensor with 20 m range, +/- 90° rotatable and battery operated, IP54, without cable |

## Scope of delivery

- Light barrier transmitter with 2 batteries type AAA 1.5 V
- Light barrier receiver

## Features

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- Horizontal alignment of the light beam by 180°
- The battery-powered unit saves laying a cable from the control unit to the opposite side of the door
- 8.2 kOhm connection to satellite unit: The light barrier can alternatively be used to wirelessly connect a contact strip at the main closing edge of a sliding gate to the control unit (does not replace an 8.2 kOhm evaluation unit for fast-running gates). When the contact strip is actuated, the relay output switches
- Optical safety device to protect against personal injury and damage to property

## Use

- For controls with connection for 4-wire light barriers

## Technical data

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- Connection type: Conventional
- Inputs:  
1 input for transmission of a contact strip or NC contact from the gate leaf
- Outputs:  
1 potential-free relay contact (CO)
- Interfaces: 4-wire
- Protection class: IP54
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 55
- Temperature (min./max.)[°C]: -20/55
- Temperature (min.)[°F]: -4
- Temperature (max.)[°F]: 131
- Range [m]: 20
- Range (min.)[m]: 0
- Range (max.)[m]: 20
- Operating voltage [V]: 12-24 V-AC 12-35 V-DC
- Rated current [A]: 0.035
- Contact load (max.):  
48 V-AC/48 V-DC/0.5 A
- Width [mm]: 35
- Height [mm]: 110
- Depth [mm]: 35
- Packing width: 0
- Packing height: 0
- Packing depth/length: 0
- Packing weight: 0.2135
- Freight forwarding articles: No
- GTIN: 4062434006542
- Customs tariff number: 85365019
- Country of origin 1000: Italien
- Garantie: -

## Predecessors

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| Item no. | Description                                                                                                 | Discontinuation |
|----------|-------------------------------------------------------------------------------------------------------------|-----------------|
| 178501   | <b>FT43B</b> Through-beam photoelectric sensor, rotatable and battery-operated, 20 m, 24 V-DC, 4-wire, IP54 | 2022-01-06      |

Technical drawings

