

## Door Contact Sensor 7950



Door Contact Sensor for GUDE devices with PTR multiconnector (product of third-party manufacturer)



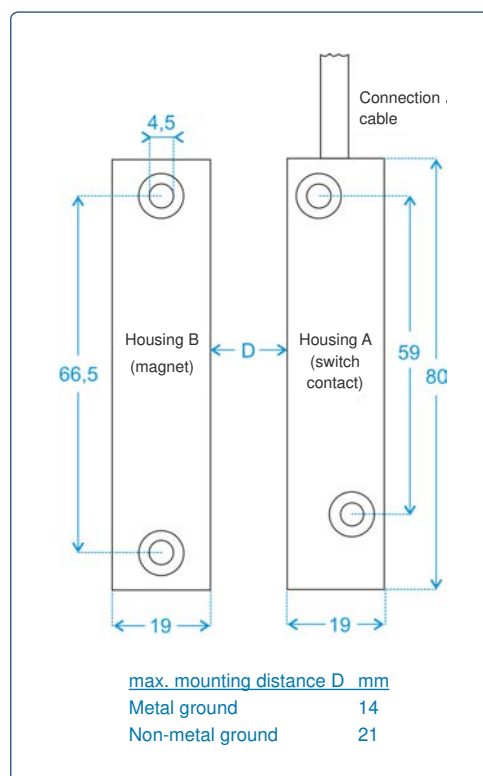
Door Contact Sensor 7950

The **Door Contact Sensor 7950** is an opening detector that enables the monitoring of door and gate entrances. The sensor consists of a magnetic contact and a magnet. After successful installation at the entrance, the free cable ends of the opening detector are simply connected to the corresponding free industrial terminal inputs of the GUDE product.

If the magnetic field distance is exceeded, a signal is sent to the connected GUDE product, which triggers a corresponding alarm message. Unauthorized opening of doors can thus be detected without delay.

### Mounting the door contact sensor 7950

1. Determine a mounting location and use the aluminium housing as a drilling template. Ensure that the two components are parallel. Important: Please use screws made of non-ferromagnetic materials.
2. The opening in the protective cap is larger on one side than on the other. Do you use a protective coating for the connection cable?  
Yes: Continue with step 3. | No: Continue with step 4.
3. Pull the cable surrounded by the protective coating through the larger opening side of the protective cap. Insert the protective cap into the aluminium housing. Screw the housing of the protective contact with the enclosed mounting plate and the magnet flat on the selected surface. Continue with step 5.
4. Pull the cable through the smaller opening side of the protective cap. Insert the protective cap into the aluminium housing. Screw the housing of the protective contact with the enclosed mounting plate and the magnet flat on the selected surface.
5. After assembly is complete, check the electrical function of the contact (e.g. using an ohmmeter or continuity tester).
6. Seal the housing holes with the screw covers provided.
7. Now you can connect the **Door Contact Sensor 7950** with the corresponding alarm signaling device. GUDE recommends products from the **Expert Net Control** and **Expert Sensor Box** series (see below) for this purpose. These have passive signal inputs to which the door contact sensor can be connected.

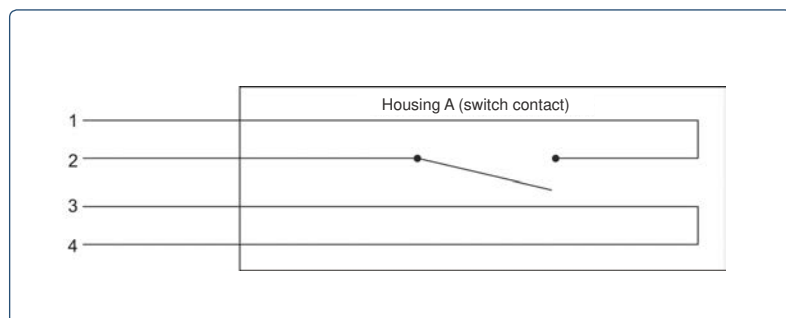


Dimensions in mm and parallel mounting of aluminium housings

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Connections of Door Contact Sensor 7950

Note: The magnet is sensitive to strong heat or vibrations. In addition, it should not be mounted in direct proximity to other magnets whose poles of the same name are approaching each other. This can lead to a loss of field strength of the magnet.

### Scope of delivery

- 1 opening detector consisting of 2 aluminium housings  
Housing A: Switch contact and connection cable  
Housing B: Magnet
- 1 plastic mounting plate
- 1 sealing cap
- 8x screw covers

### Technical Details

- Aluminium housing, LxWxH: 80 x 19 x 18 mm
- Length 4-wire cable: 1.2 m (4x0,14 mm<sup>2</sup>)
- Operating temperature: -25 °C to 55 °C
- Max. switching capacity: 200 V DC, 1 A, 10 W
- IP protection class: IP65
- VdS class: B

### Features

- Door contact sensor for entrance monitoring
- Sensor can be put into operation quickly and easily via PTR multiconnector
- Magnetic contact and magnet in stable aluminium housing
- Connection cable with 1.2 m length

| Order code | Product                                           | Feature                                                       | Compatible to                                                   |
|------------|---------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|
| 7950       | Door Contact Sensor 7950<br>(third-party product) | Sturdy aluminium housing with 4-wire connection cable (1.2 m) | Expert Net Control 2111 / 2191 / 2302<br>Expert Sensor Box 7214 |