



Monitor windows and doors and be alerted in the event of a break-in

Reliable alarm in the event of burglary

The opening detector detects the opening of windows and doors. Any unauthorized access is reported to the alarm system. The external security system provides strong burglary protection.

Presence protection and home comfort

Typical weak points of a house for burglars, such as windows, house and cellar doors or the patio door, can be monitored by the wireless opening detector. This detects if a window or door is forced open - while the residents can of course move freely around the house.

Secure radio, long range

The signal is securely encrypted and protected against tampering. With a range of up to 1,000m (free field), the opening detector has a stable connection to the alarm control panel from anywhere in the house - even in radio-inhibited buildings.

Sensor for home automation

The wireless opening detector can be conveniently integrated into the home automation system. For example, the integrated sensor sends a signal to the lighting control system as soon as the front door is opened. It's practical when the light in the house is switched on automatically when you come home.

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## Technologies

- Opening detector for indoor use, discreet and space-saving in slim design with a width of just 24 mm (battery-operated, without cable)
- Top burglary protection: Reliably detects the opening of windows and doors and reports any unauthorized access

# Comfion Wireless-Door-Contact

Art.-Nr. FUMK80000

Seite 2 von 3

to the Comfion alarm system

- Presence protection with convenience: The detector monitors the entrances to the house that burglars use as weak points, such as windows, patio doors and front doors. Residents can move freely around the house when the alarm system is activated.
- Flexible installation anywhere in the building thanks to the slim design: with the magnet on the left or right and also for narrow installation conditions
- Simple, wireless installation, can also be used as a sensor for home automation, e.g. for lighting control
- Fits even in narrow installation spaces thanks to its slim dimensions (detector only 24 mm wide)
- Secure radio connection between Comfion alarm control unit and control panel, with a long range of up to 1,000 m (free field) and AES128 encryption (tamper/data protection as in online banking)
- Mechanical tamper protection against opening and dismantling
- Power-saving: magnetic contact with up to 4 years of battery life
- Very safe and reliable thanks to EN50131 Grade-2 certification

## Technical data - Comfion Wireless-Door-Contact

|                                      |   |
|--------------------------------------|---|
| Battery - max. battery life          | 4,5 y                                       |
| Battery - quantity                   | 1   |
| Battery - type                       | AA, 1,5V Alkaline                           |
| Certifications                       | EN 50131 Grade 2; VSÖ                       |
| Compatible with                      | Comfion                                     |
| Dimensions                           | Sensor 24 x 90 x 26 / Magnet 9 x 44 x 16 mm |
| EN                                   | Level 2                                     |
| Environmental class                  | II  |
| Gross weight                         | 0,054 kg                                    |
| Height                               | 90 mm                                       |
| Housing material                     | Plastic                                     |
| Max. humidity                        | 85 %  |
| Max. operating temperature           | 40 °C                                       |
| Max. receiving range (free field)    | 1.000 m                                     |
| Max. transmission range (free field) | 1.000 m                                     |
| Min. operating temperature           | -10 °C                                      |
| Modulation                           | 2FSK  |
| Net weight                           | 0,032 kg                                    |
| Radio frequency                      | 868 MHz                                     |
| Radio power                          | 25 mW                                       |
| Sabotage monitoring                  | Yes   |
| Security level                       | 2   |

# Comfion Wireless-Door-Contact



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Art.-Nr. FUMK80000

Seite 3 von 3

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|                    |                            |
|--------------------|----------------------------|
| Sensor type        | Reed-Switch                |
| Standard           | EN 50131                   |
| Type of detection  | Magnetic field measurement |
| Voltage monitoring | Yes                        |
| Width              | 24 mm                      |