

# Comfion Wireless-Door-contact 3 in 1 Anthracite

Art.-Nr. FUMK80100A

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## 3 functions - one product

Opening or vibration detector or radio module for wired detectors in anthracite: all contained in the Comfion wireless opening detector 3 in 1. Optionally as individual detector or in combination.

### Opening detector for windows and doors

The detector and magnet are attached to the frame and leaf of the window or door. Any unauthorised opening is detected and reported to the alarm system, also if the window is smashed if a glass breakage detector is connected.

### Vibration detector

The integrated acceleration sensor detects vibrations on the surface to which it is attached. For example, on objects that should not be moved or broken through: safes, display cases, works of art. It also monitors the breaking through and breaking open of wooden doors, glass walls, plaster walls and window frames.

### Radio module: wired becomes wireless

If a wired detector is connected, the detector establishes the wireless connection to the Comfion alarm system; this means that all existing detectors can continue to be used.

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Secure radio transmission, long range

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

## Technologies

- 3-in-1 wireless detector in anthracite, which can be used separately as an opening or vibration detector or radio module for a wired detector connection – or in a combination of the detector types; in a slim, 24 mm wide device (battery operation)
- Opening detector: detects the opening of windows and doors and reports unauthorised tampering attempts to the Comfion alarm system. Weak point monitoring at the house ensures secure and convenient protection of people inside the building.
- Optionally, a wired contact can be connected directly to the detector, for example, as a glass breakage or opening detector.
- Vibration detector: detects vibrations when breaking open and through plaster walls, wooden doors, glass walls, safes and the movement of display cases, paintings and other objects
- Radio module: to integrate a wired detector into the alarm system via radio, it is connected to the detector input.
- Secure wireless connection between Comfion alarm panel and keypad, with a long range of up to 1,000 m (free field) and high tamper/data protection as in online banking (AES128 encryption)
- Flexible mounting with the magnet on the left or right, including shims for different heights
- Mechanical tamper protection against opening and dismantling
- Energy-saving: battery lifetime of up to 5 years
- Very secure and reliable thanks to EN50131 Grade 2 certification

## Technical data - Comfion Wireless-Door-contact 3 in 1 Anthracite

Adjustable sensitivity	Yes, Vibration detection
Area of application	Interior
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	0,058 kg

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## Technical data - Comfion Wireless-Door-contact 3 in 1 Anthracite

Height	44 mm
Housing material	Plastic
Max. humidity	85 %
Max. operating temperature	40 °C
Max. receiving range (free field)	1 m
Max. transmission range (free field)	1 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,036 kg
PSTI conformity required	No
Radio frequency	868 MHz
Radio power	25 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	Reed-switch, accelerometer
Standard	EN 50131
Type of detection	Magnetic field measurement, Vibration detection
Voltage monitoring	Yes
Width	24 mm