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IP20

## AM PIR Motion Detector RF Quicklink (2.2)

### Technische Merkmale

#### Functions

- $\mu$ -processor controlled mode of operation
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- reset function (to factory setting)
- Party function for switching on for 2 hours
- with memory function for presence simulation
- with keylock
- Switch-off pre-warning on dimmer inserts
- Teach function for response brightness via button
- scene opening via KNX radio appliances
- scene saving lockable
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave

#### Compatibility

- optional operation of extension units using installation push-button

#### Controls and indicators

- remote control via quicklink transmitter
- with configuration and function button
- with button for on/off/automatic/memory/party function

#### Connectivity

Radio protocol	KNX Radio
Receiver category	2

#### Frequency

Radio transmission frequency	868,3 MHz
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#### Power

Radio transmission power	< 10 mW
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#### Measurement

Relative humidity (without condensation)	0...65 % (without condensation)
Detection field, rectangular shaped	$\approx 8 \times 12 \text{ m}$

#### Reach distance

Range, frontal	$\approx 8 \text{ m}$
Range, frontal (at 1.1 m installation height)	$\approx 4 \text{ m}$
Range, side	each $\approx 6 \text{ m}$
Range, side (at 1.1 m installation height)	each $\approx 3 \text{ m}$

#### Detection

Number of detection levels	2
Detection angle, settable	each side $\approx 45...90^\circ$

### Materials

Colour of design line	anthracite
RAL colour	RAL 7021 - Black grey
Material / workmanship	lacquered
Material	thermoplastic
Surface appearance	velvety

### Dimensions

Assembling height	34 mm
Nominal mounting height	2,2 m

### Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation
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### LED control

LED	LED application module/insert compatibility display, with configuration and function LEDs, with operation and status LED, red/green/orange
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### Connection

- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
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### Settings

Response sensitivity, settable	10...100 %
Delay time, adjustable	≈ 1 s...3 h
Switch-off pre-warning to dimming value 50% for	30 s

### Equipment

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %

### Safety

- with dismantling protection
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### Use conditions

Operating temperature	-5...45 °C
- low intrinsic energy requirement	

### Identification

Application, usage	Motion detector, KNX radio- sensors
Main design line	Berker Q.1/Q.3/Q.7/Q.9
Secondary design line(s)	Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9