

# Product data sheet

## JUNG HOME motion detector 1.1 m



### Reference number

BT A 17181 MO

### JUNG HOME motion detector 1.1 m

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

### Intended use

- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching or dimming or satellite insert 3-wire
- Wall installation on system insert

### Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Switch for continuous ON/OFF or automatic operation
- Detection range extended by combining several JUNG HOME motion detectors or via satellite input
- Screen for limiting the detection area
- Multi-coloured status indicator
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device
- Time programs with sunrise or sunset (astro timer)
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with DALI insert
- Including the load in areas (groups), central functions and scenes
- Evaluation of the satellite inputs (if present) for controlling the system insert
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

### Available in future via update:

(Notes on updates and schedules can be found at [jung.group/junghome](http://jung.group/junghome))

- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Calling a scene with movement

### Technical data

Ambient temperature: -5 ... +45 °C

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| Transport temperature:              | –25 ... +70 °C                                 |
| Storage temperature:                | –5 ... +45 °C                                  |
| Relative humidity:                  | 20 ... 70 % (no condensation)                  |
| Degree of protection:               | IP20                                           |
| Accuracy per month:                 | ± 13 s                                         |
| Power reserve:                      | min. 4 h                                       |
| Detection angle:                    | 180°                                           |
| Mounting height:                    | 1.10 m                                         |
| Sensitivity:                        | 0, 25, 50, 75, 100 %                           |
| Brightness setting:                 | approx. 5 ... 1,000 lx (and daytime operation) |
| Run-on time:                        | approx. 1 s ... 240 min                        |
| Radio frequency:                    | 2402.0 ... 2480.0 MHz                          |
| Transmitting power:                 | max. 10 mW (class 1.5)                         |
| Transmission range<br>in buildings: | approx. 30 m                                   |

**Thermoplastic (breakproof) lacquered**

**Colour:**  
mocha

**Material:**  
thermoplastic lacquered