

# Product data sheet

JUNG HOME motion detector 1.1 m



## Reference number

BT ES 17181

## 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  
available April 2023

## 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 with optional night mode
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices or for calling up a light scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Staircase lighting function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Local actuator integrated into groups, central functions and light scenes
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG 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 [www.jung.de/JUNGHOME](http://www.jung.de/JUNGHOME))

- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Dynamic run-on time
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with DALI insert

- Switch-on delay / switch-off delay

## Technical data

Ambient temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Storing temperature:	-5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Degree of protection:	IP 20
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. 10 s ... 60 min
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

## metal colours (thermoplastic lacquered)

**Colour:**  
stainless steel

**Material:**  
stainless steel 1.4303 X4 CrNi 18-12