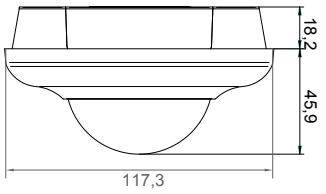
Dimensions



41-701



Presence detector 360° Master, 1 channel, 230 V – for indoor lighting control

- **For surface mounting on ceiling**
- **Connect up to 10 Slave-detectors**
- **Large detection range - 140 m²**
- **Setting of functions directly on the detector**
- **Change settings via IR remote control**
- **Potential free relay – high class**
- **Protection class IP54**

The presence detector 41-701 Master is designed for mounting on the ceiling and the detection range can be increased by using Slave-detector type 41-702 and/or 41-703.

The detectors can all register small movements in a range of 9 m².

The detector is featuring On/Off control of 1 channel (relay output), PIR receiver, light sensor and IR receiver for setting via IR remote control 41-926 (accessory).

Settings

Via DIP-switch settings it is possible to select various functions using the connected operating button. Setting the Off delay and lux is performed via potentiometer.

Options

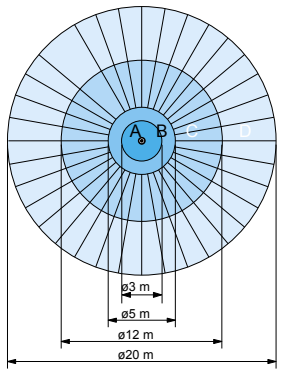
1. Automatically On/Off, option for manual override On/Off
2. Active On/Automatically Off, option for manual override Off
3. Constant On/Off for 2 hours, via manual (prolonged press)
4. Option for daylight independent (short press)
5. Option for deactivation of manual Off (For staircases)

Accessories

IR remote control type 41-926 for change of settings. It can also be used for manual control – on/off.

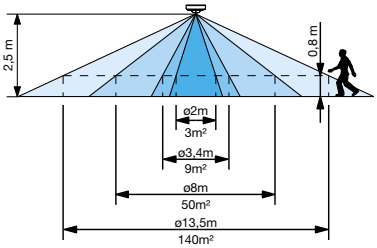
Detection

Plan view, diameter indicated at floor height (mounted at height 2,5 m).



A + B = small movements
C + D = body movements

Area indicated at table height.



Planning

To ensure optimal detection at the entrance to the room, reduce the range as shown
When positioning the detectors. Effective detection of a person is achieved at minimum 0.8 m height above floor level.

Technical data

CE

Input

Power supply	230 V AC 50 Hz ±10 %
Power consumption	0,2 W

Output

Relay, dry	NO, 230 V, μ 10 A

Load

Incandescent lamps	2,300 W
Fluorecent lamps	1,200 VA
Tungsten-halogen lamps (230 V)	2,300 W
Max . compensation capacity	140 μF
Max. Starting peak	165 A/20 m sek.

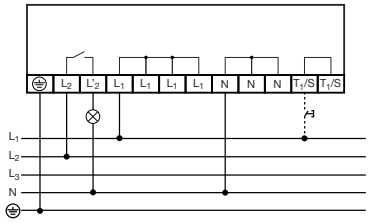
Performance

Lux range (preset settings)	20 - 1,000 lux
Time delay (preset settings)	Pulse, 2 - 60 min.
Detection angle	360°
Detection range - Body movements	140 m²
Detection range - Small movements	9 m²
Ceiling installation height	2 - 3.4 m
Sensitivity	4 settings
Protection class, gasket is mounted	IP 54
Cable dimension type 41-701	max. Ø14 mm 3 pcs. 5 x 2.5 mm²
Colour	RAL 9010 (white)
Ambient temperature	-5°C ...+50°C

Approval

CE according to	EN 60669-2-1

Connection diagram



Order numbers

Product	Type	EAN no.
Presence detector Master		
Surface mounted	41-701	5703102 207357
IR remote control	41-926	5703102 207296

R0