theben

PIRA T motion detector
Switches on, switches off
Simple and effective

sens)))NORM
certified
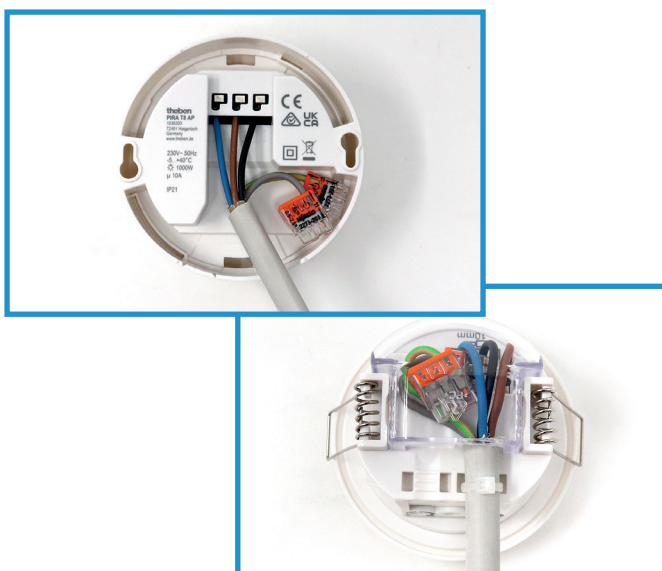
Recessed ceiling installation (DE):

Type	Application	Item no.
PIRA T8 DE	1-channel motion detector	1030200
PIRA T8-2 DE	2-channel motion detector - ideal for optimizing room ventilation	1030201
PIRA TC DE	Specially developed for corridors (rectangular detection area)	1030204
PIRA T6 Mini	Discreet mini sensor for unobtrusive installations	1030202

Surface-mounted (AP):

Type	Application	Item no.
PIRA T8 AP	1-channel motion detector	1030203
PIRA TC AP	Specially developed for corridors (rectangular detection area)	1030205
PIRA TO AP	Outdoor detector for wall mounting (IP 55)	1030206

Functional description

- **Quick installation:** Thanks to plug-in terminals installed at a 45° angle, wiring is a breeze - even with 2 x 2.5 mm² Conductors

- **Simple operation:** via potentiometer

- **Optimized for LEDs:** LED switching load and zero-crossing circuit (tested with 40,000 switching cycles according to Theben standards)

- **Permanent light measurement:** The light is switched off when there is enough daylight - even when there is movement in the detection area.

- **SENSNORM and Theben standard tested:** Precise motion detection, even at higher room temperatures.

- **Uniform design:** For a harmonious overall appearance in any environment.

PIRA T motion detector
Always the right choice
Everything at a glance

theben

PIRA T8 DE (article no. 1030200)
PIRA T8-2 DE (Article no. 1030201)
PIRA T8 AP (article no. 1030203)

→ Switch-on brightness 5-1000 lx
→ Switch-off delay 5 s-15 min
→ Protection class IP 21
→ Mounting height 2-3 m

Mounting height	Diagonally (t)	Head on to (r)
2,0 m	Ø 7 m	Ø 4 m
2,5 m	Ø 8 m	Ø 4 m
3,0 m	Ø 9 m	Ø 4 m

PIRA T6 Mini EN (article no. 1030202)

→ Switch-on brightness 5-1000 lx
→ Switch-off delay 5 s-15 min
→ Protection class IP 21
→ Mounting height 2-3 m

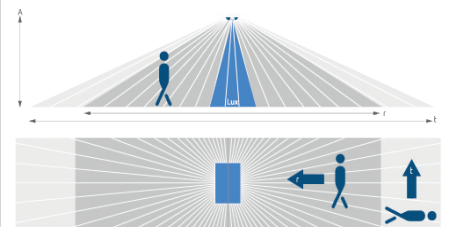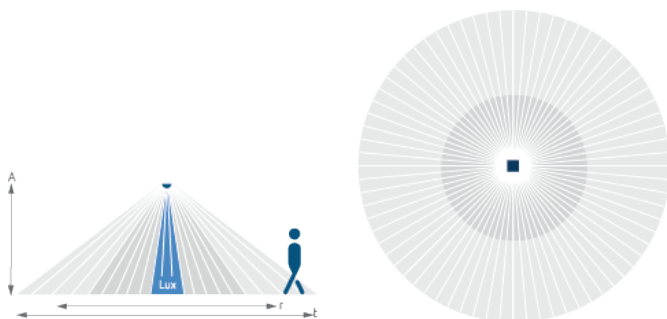| Mounting height	Diagonally (t)	Head on to (r)
2,0 m	Ø 6 m	Ø 3 m
2,5 m	Ø 6 m	Ø 3 m
3,0 m	Ø 7 m	Ø 4 m

PIRA TC DE (article no. 1030204)
PIRA TC AP (article no. 1030205)

→ Switch-on brightness 5-1000 lx
→ Switch-off delay 5 s-15 min
→ Protection class IP 21
→ Mounting height 2-3.5 m

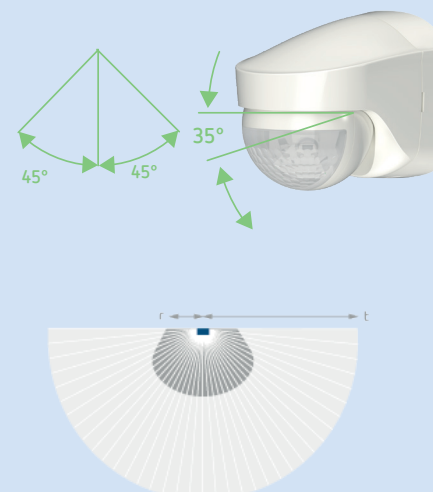| Mounting height	Diagonally (t)	Head on to (r)
2,0 m	20 x 3 m	9 x 3 m
2,5 m	25 x 3 m	12 x 3 m
3,0 m	26 x 3 m	12 x 3 m

sens)))NORM certified

To rule out measurement errors and obtain reliable data, each measurement is repeated three times. The standardized measurements are carried out in accordance with the sensNORM specifications.

More on this at

www.theben.de/pira-t

PIRA TO AP (article no. 1030206)

→ Switch-on brightness 5-1000 lx
→ Switch-off delay 5 s-15 min
→ Protection class IP 55
→ Mounting height 1.8-2.5 m
→ Creep protection
→ Exit-on function

Mounting height	Diagonally (t)	Head on to (r)
1,8 m	9 m	2 m
2,0 m	10 m	3 m
2,5 m	12 m	4 m

35°

45°   45°

LUXA 103 presence detector
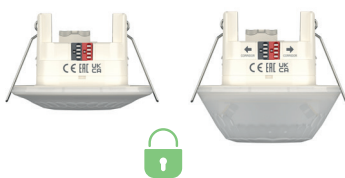## Now also available in a KNX version for ceiling installation

Theben LUXA 103 presence detectors are the versatile device family for efficient lighting and HVAC control in indoor and outdoor areas. The devices with a round detection area are ideal for use in individual and open-plan offices, meeting rooms, storage roomsand basementsas well as toilets. LUXA 103 corridor detectors with a rectangular detection area control the lighting in corridors, hallways and corridors. Thanks to color variants in white, grey and black, the surface-mounted devices blend harmoniously into any interior or exterior design.

Ceiling installation or flush mounting

Surface mounting with grey surface-mounted accessories

Surface mounting with black surface-mounted accessories

The highlights of the entire product family at a glance

→ Elegant, timeless, flat design
→ Convenient setting via app and remote control, only remote control or potentiometers
→ Simple installation and wiring, for surface-mounted, recessed ceiling or flush-mounted installation
→ Corridor detector in matching design language
→ Device variant with second channel for HVAC control
→ Integrated pushbutton input
→ Protection class IP 54 for outdoor areas and damp rooms
→ Perfect for high LED switching loads (at 230 V)
→ Can be networked with other LUXA 103 devices or theMura Slave (at 230 V)

Presence detector LUXA 103 S360 DE KNX

- Presence detector (PIR) for ceiling mounting indoors or outdoors
- For KNX bus system, 2 channels light and 2 channels presence for HVAC control
- 2 channels of light with 1 light measurement
- Automatic lighting control with constant light control or switching operation
- Dimmable lighting in switching mode with and without daylight influence
- Integrated temperature sensor
- Day / night switchover via telegram
- Stand-by functionality (orientation light)
- 3 logic channels (AND/OR/XOR)
- KNX Data-Secure
- Operation as fully or semi-automatic possible
- Manual override possible via external KNX push-buttons

- One directional brightness measurement (mixed light measurement)
- Simple adjustment of the brightness measurement
- Short-term presence
- Selectable control speed
- Teach-in function
- Scene functionality
- Locking functions
- Switch-on delay and run-on time presence adjustable
- Extension of the detection range through parallel connection
- Detection sensitivity adjustable for outdoor use
- Test operation to check function and detection range
- Setting via ETS software (full range of functions)
- Setting via remote control/APP or APP (BLE)

Mounting type	Transverse detection area	Channels	Color	Type	Item no.
Reecessed ceilings	113 m² (ø 12 m | 360°)	2 x light | 2 x presence	White	LUXA 103 S360-12 KNX DE WH	1039053
	140 m² (28 x 5 m)	2 x light | 2 x presence	White	LUXA 103 S360-28 KNX DE WH	1039073

Details of the other 230 V and KNX versions of the LUXA 103 product family can be found at www.theben.de/LUXA103