PIRA TO AP

Item no.: 1030206

Presence and motion detectors
Wall installation outdoor

Description

- Passive infra-red motion detector for wall installation
- 180° detection angle, 10 m at 2 m mounting height
- For outdoor use
- Adjustable brightness switching value and switch-off delay
- Mixed light measurement
- Instant start-up possible via factory preset
- Wiring also possible with 2 x 2.5 mm² conductors.
- Permanent light measurement: PIRA T series can switch off the light when sufficient natural light is available. Even if someone is always moving in the detection area.
- Optimized for LED: Reliable switching of connected LED loads thanks to integrated zero-crossing circuit.
- sensNORM certified detection range, tested according to the stringent Theben requirements with 40,000 switching cycles.
- With wall mounting, the area directly under the detector is also covered. This prevents uninvited guests from approaching unnoticed without being in the 'spotlight'.
- Exit-On: When installed directly above a door, the PIRA TO thanks to its 'downward view', the PIRA TO immediately detects every person who steps through the door.
- For entrance areas, exits, driveways, garages/carports

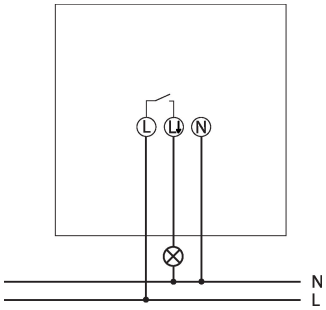


Technical data

	PIRA TO AP
Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	< 0.5 W
Light measurement	Mixed light measurement
Number of channels	1
Colour	White (similar RAL 9016)
Switching output	Light
Installation type	Wall installation, Surface mounted
Detection angle	180°
Light switch-off delay	5 s - 15 min
Incandescent/halogen lamp load	1000 W
LED lamp 2-8 W	200 W
LED lamp > 8 W	200 W

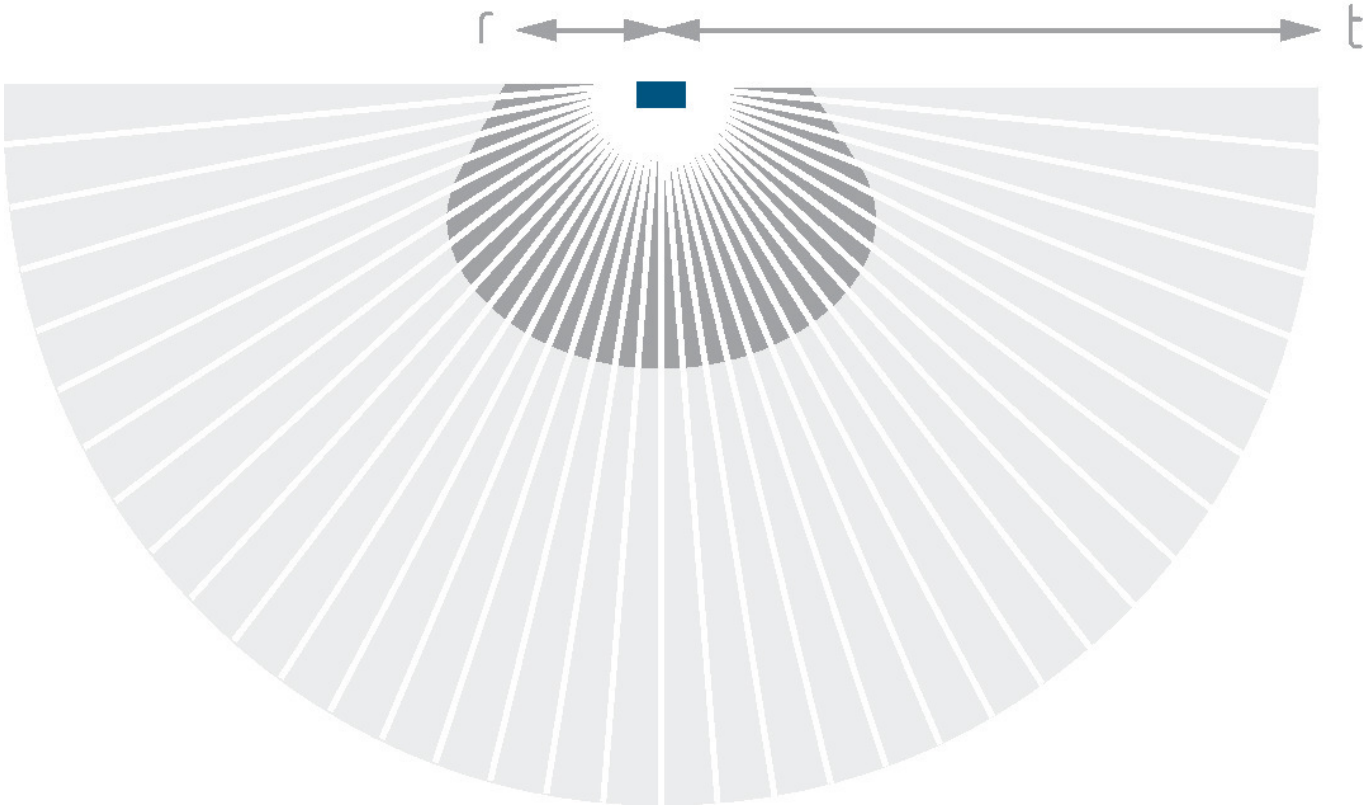
	PIRA TO AP
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Detection range	10 m
Detection range	Semicircular
Ambient temperature	-20°C ... 40°C
Protection class	II
Type of protection	IP 55
Predeccessor	1010205, theLuxa E180 WH
GWP Cradle-to-Gate (A1-A3)	3.11 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	19.4 kg CO_2 eq

Wiring Diagrams



Detection Area for planning applications at a temperature of 21 °C

Mounting height (A)	Diagonally (t)	Head on to (R)	
2 m	10 m	3 m	



PIRA TO AP

Item no.: 1030206

Scale Drawings

