



75241003



**IP41**

## KNX IR presence detector comfort with integrated switch actuator, KNX, polar white matt

### Technical features

### Functions

Operating mode operating modes: automatic, semiautomatic, test

- Linking several detectors in order to expand the detection area

### Configuration

- Output channel for switching, dimming or calling up scenes

### Controls and indicators

- with programming button

### Connectivity

Bus system radio frequent no

Bus system LON no

Bus system Powernet no

- switch output can be integrated for control via bus or direct connection of loads

### Voltage

Operating voltage over bus 21...32 V DC

### Electric current

Bus current consumption (data transfer) 12 mA

### Power

Conventional transformers 1500 VA

Electronic transformers 1500 W

### Detection

Detection angle 360 °

Detection field Ø, on floor ≈ 7 m

Detection field Ø, at desk height ≈ 5 m

### Materials

Colour of design line polar white

Colour white

RAL colour RAL 9010 - Pure white

Material thermoplastic

Surface appearance matt

### Dimensions

Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60...63 mm
Recommended installation height	2,5...3,5 m
Installation wall thickness	10...28 mm
Diameter	79,8 mm
Height	70 mm

### Lighting control

Brightness measurement range	5 / 1000 Lux
Fluorescent lamps with electrical ballast (EB)	1000 W

### Fluorescent bulbs control

Energy-saving lamps	20 x 20 W
Fluorescent lamps parallel compensated	1000 VA

### LED control

LED	with red and green acknowledge/receive LED
-----	--

### Incandescent bulbs control

230 V incandescent lamps and halogen lamps	2300 W
--	--------

### Installation, mounting

Installation mode	with spring clips for ceiling installation
-------------------	--

### Connection

Conductor cross-section (flexible)	0,5...1,5 mm <sup>2</sup>
Conductor cross-section (rigid)	0,5...1,5 mm <sup>2</sup>
Connection terminals	according to IEC 60669-1
<ul style="list-style-type: none"> <li>- with integral bus coupling unit</li> <li>- bus connection via connecting terminal</li> </ul>	

### Settings

Supported configuration modes	system
Delay time, adjustable	≈ 1 mn...1 h
<ul style="list-style-type: none"> <li>- with potentiometers for setting the response brightness and delay time without dismantling</li> </ul>	

### Scope of delivery

Bus connection included	yes
-------------------------	-----

### Use

Differentiation characteristic 3 - Sales	with integrated switch actuator
--	---------------------------------

### Standards

General standards	IEC 60669-2-1, EN 50428
-------------------	-------------------------

### Safety

Halogen free	no
--------------	----

**Use conditions**

---

Operating temperature	-10...45 °C
- energy saving by means of presence and brightness-dependent switching of lights, heating etc.	

---

**Identification**

---

Application, usage	KNX - sensors
Main design line	KNX

---