finder®
SWITCH TO THE FUTURE

KNX PIR movement and presence detectors

- Hotel room energy-saving units
- Lighting control in corridors (for hotels, offices and hospitals)
- Offices, swimming baths and schools
- Staircase light control
- Building and house automation

18
SERIES

KNX movement and presence detectors.

Internal installation.

- 2 outputs (datapoint) for load control (Lighting, HVAC etc.)
- Adjustment of ambient light threshold, and PIR sensitivity
- 1 output (datapoint) – master/slave detection
- Selectable function to inhibit ambient light threshold control
- Reporting of light level and movement status
- Detection of movement direction (type 18.4K)
- Internal ceiling mounting
- Suitable for ETS 4 (or latest versions)

18.4K/18.5K
KNX terminal

NEW 18.4K.9.030.0000

KNX

- Applications: hotel and offices corridors, transit areas
- Sensing area 30 meters length and 4 meters width
- Two detection areas: right and left

NEW 18.5K.9.030.0000

KNX

- Applications: offices, schools, zones of low activity
- Extensive sensing area up to 64 m^2
- Two sensing areas:
  "presence" suitable for zones of low activity, and "movement" suitable for transit areas or zones of high activity

For outline drawings see page 4

Supply specification			
Type of BUS		KNX	KNX
Supply voltage	V DC	30	30
Rated consumption	mA	10	10
Technical data			
Ambient light intervention threshold	lx	1…1500	1…1500
Light ON time after last detection		0.1 s…18 h	0.1 s…18 h
Ambient temperature range	°C	−5…+45	−5…+45
Protection category		IP 40	IP 40
Approvals (according to type)		CE	CE △

Ordering information

Example: 18 series, KNX PIR movement and presence detector.

| 1 | 8 | . | 5 | K | . | 9 | . | 0 | 3 | 0 | . | 0 | 0 | 0 | 0 |

Series

Type
4 = PIR movement detector for corridors
5 = PIR movement and presence detector

Output
K = PIR movement and presence detector with KNX
    interface

Supply version
9 = DC

Supply voltage
030 = KNX Bus

Sensing area

Type 18.4K

h 3 m
4 m
18 m
30 m

Type 18.5K

h 3 m
4 m
8 m

4 m
8 m
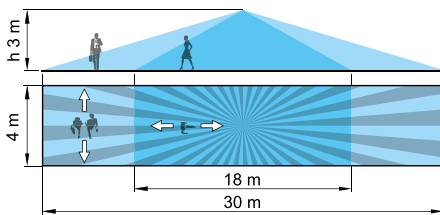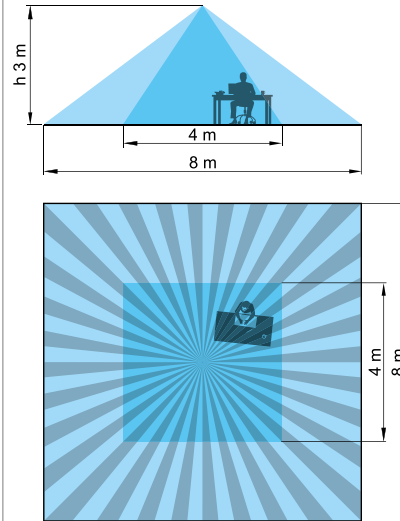
Outline drawings

Type	Suspended ceiling mounting	Recess mounting	Surface mounting
18.4K	Ø 60 · 25 max · 36.5 · 43.6 · ☐ 84	Ø 60 · 31 · 36.1 max · 43.6 · ☐ 84	84.6 · 85.6 x 70.6
18.5K	Ø 60 · 25 max · 36.5 · 35.1 · ☐ 84	Ø 60 · 31 · 36.1 max · 35.1 · ☐ 84	76.1 · 85.6 x 70.6

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