

## Presence Switch

# HF 180

KNX - white

EAN 4007841032876



### Function description

Reliably detects through partition walls. HF 180 presence switch. The high-frequency sensor system quickly detects any movement regardless of temperature – even through partition walls, e.g. offices, entrance rooms or toilet facilities. 180° angle of coverage, up to 8 m reach. Intelligent technology, high-calibre design, easy 3-wire installation.

### Technical specifications

Type	Presence detector
Dimensions (L x W x H)	21 x 80 x 80 mm
Power supply, detail	KNX bus
Sensor Technology	High frequency
Application, place	Indoors
Application, place, room	One-person office, corridor, aisle, side room, stairwell, wc, washroom, equipment room
Type of installation	Concealed wiring
HF-system	5,8 GHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	1,20 – 2,20 m
Optimum mounting height	1,2 m
Detection	also through glass, wood and stud walls
Detection angle	180 °
Angle of aperture	140 °
Sneak-by guard	Yes
Reach, radial	r = 8 m (101 m <sup>2</sup> )
Reach, tangential	r = 8 m (101 m <sup>2</sup> )

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<b>Twilight setting TEACH</b>	Yes
<b>Twilight setting</b>	2 – 1000 lx
<b>Time setting</b>	60 sec – 255 min
<b>Basic light level function in per cent</b>	10 – 50 %
<b>Basic light level function time</b>	Permanently ON, 1-255 min, all night
<b>Basic light level function percentage, from</b>	10 %
<b>Basic light level function percentage, up to</b>	50 %
<b>KNX functions</b>	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output, Integrated button, Temperature output, Humidity output
<b>With bus coupling</b>	No
<b>IP rating</b>	IP20
<b>Material</b>	Plastic
<b>Ambient temperature</b>	0 – 40 °C
<b>Colour</b>	white
<b>Colour, RAL</b>	9010
<b>Manufacturer's Warranty</b>	5 years
<b>Version</b>	KNX - white
<b>PU1, EAN</b>	4007841032876

# Data sheet



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Mood image

