Data sheet

STEINEL®

PROFESSIONAL

Presence Switch

HF 180

EAN 4007841032876

Functional description

High-frequency technology meets top-calibre design! Producing an angle of coverage of 180°, the sensor switch HF 180 not only scores top marks in performance, it looks great too. The HF sensor technology detects every movement and switches instantly. The solution for offices, entrance rooms and washroom facilities where movement needs detecting through thin partition walls. Intelligent technology that not only looks good, but is also easy to install. The KNX version also indicates temperature and air humidity.

Technical specifications

Type	Presence detector
Power supply, detail	KNX bus
Sensor Technology	High frequency
Type of installation	Concealed wiring
HF-system	5,8 GHz
Electronic scalability	Yes
Mechanical scalability	No
Optimum mounting height	1,2 m
Detection angle	180 °
Angle of aperture	140 °
Sneak-by guard	Yes
Reach, radial	r = 8 m (101 m²)
Reach, tangential	r = 8 m (101 m²)
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	60 s – 255 min
Basic light level function in per cent	10 – 50 %
Basic light level function time	Permanently ON, 1-255 min, all night
KNX functions	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output, Integrated button, Temperature output, Humidity output
With bus coupling	No
IP rating	IP20
Material	Plastic
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - white
Model	KNX