An intelligent solution

STEINEL sensors and KNX – a perfect match.

KNX

STEINEL®
PROFESSIONAL

"The precision and functionality of STEINEL detectors take the idea of KNX building automation to perfection."

STEINEL detectors provide more functions than other sensors and come with additional HVAC and presence outputs to make the overall system even more efficient. All settings for STEINEL sensors are also very easy to change by BUS. In short: opting for STEINEL sensors with KNX interface, you are making exactly the right decision in terms of future-proofing a building and ensuring its long-term attractiveness.

Corridor (Dual HF)

Conference room
(IR Quattro HD)

Office
(IR Quattro Slim)

Waiting room
(IR Quattro)

Open-plan office activation
of air-conditioning system
(IR Quattro HD)

Laboratory
(IR Quattro)

WC (HF 360)

Entrance
(sensIQ S)

CONTROL PRO SYSTEM

- Up to 4 lighting channels
- Basic light level function
- Constant-lighting control
- HVAC output
- Additional presence output
- Light level can be exported
- Mains connection (30 V) through KNX BUS voltage
- Setting by ETS, remote control or BUS

sensIQ

- 1 lighting channel
- Basic light level function and soft start
- Additional presence output
- Close-up range output
- Photo-cell controller output
- Light level can be exported
- Mains connection (30 V) through KNX BUS voltage
- Setting by ETS, remote control or BUS

Calibration description at
www.steinel-professional.de

High-frequency sensor technology from STEINEL: Unmatched since 1999. Unique within the KNX system.

STEINEL developed the high-frequency (HF) sensor system back in 1999, setting a new standard. Using the Doppler Radar principle, STEINEL HF-sensors can identify movements through thin materials, such as stud walls, glass or wood and do so completely regardless of temperature and direction. This makes them ideal for use in rooms, corridors, stairwells, WCs or underground car parks – and consequently for integrating into any KNX system. Incidentally, this capability is available exclusively from STEINEL: because we are the makers of high-frequency sensors with KNX interface.

HF 360 KNX
High-frequency presence detector

- 360° detection
- Penetrates glass, wood and stud walls
- Detection irrespective of temperature
- Electronically adjustable reach
- Dimensions (H x W x D) 120 x 120 x 56 mm
- Recommended installation height 2.5 – 3.5 m

EAN 4007841 002824

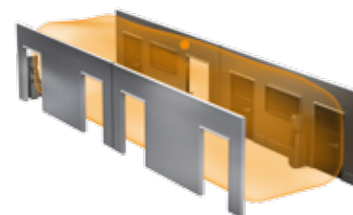high frequency sensor 360°

max. Ø 8m

Dual HF KNX
High-frequency corridor sensor

- High-frequency sensor detecting movement in two directions
- Reliable detection over 20 m
- For long corridors and passageways
- Penetrates glass, wood and stud walls
- Detection irrespective of temperature
- Dimensions (H x W x D) 120 x 120 x 75 mm
- Recommended installation height 2.5 – 3.5 m

EAN 4007841 002992

high frequency sensor 360°

max. 20 x 3m

Accessories

Service remote control
RC 6 KNX
EAN 4007841 593018

User remote control
RC 7 KNX
EAN 4007841 592912

Surface-mounting adapter
AP Box KNX
EAN 4007841 003029

HF-ceiling adapter for installation on suspended ceilings
EAN 4007841 006600

Guard cage
EAN 4007841 003036

Presence detectors.
High-resolution and sensitive.

Presence detectors respond to the tiniest movements using extremely high-resolution, precision sensor technology. This is important indoors, particularly in conjunction with sedentary activities (offices for desk work, classrooms etc.) as well as for specific lighting tasks, such as in gyms, changing rooms, corridors and storage areas. The light sensors continuously measure ambient light and constantly compare it with the preselected level. Light is switched ON when ambient light falls below a specific threshold while people are present. If it's bright enough, light is automatically switched OFF even if people are in the room. The detection zones of our IR-presence detectors are not round but square. This is not only far more practical but also better to plan – there are no overlaps and no areas omitted. In addition to this, the square detection zones provided by STEINEL Professional presence detectors are precision-scalable.

IR Quattro HD KNX
Infrared presence detector

- 4,800 switching zones for detecting the slightest movement
- Adjustable square detection
- 8 × 8 m presence zone
- Patented mechanical scalability without loss of quality
- Dimensions: (H x W x D) 120 x 120 x 70 mm
- Recommended installation height 2.5 –10 m

EAN 4007841 002763

| Infrared sensor | max. 8 m x 8 m presence | HD 4800 zones |

IR Quattro KNX
Infrared presence detector

- 1,760 switching zones for detecting tiny movements
- 4 × 4 m presence zone
- Patented mechanical scalability without loss of quality
- Dimensions: (H x W x D) 120 x 120 x 76 mm
- Recommended installation height 2.5 –8 m

EAN 4007841 002701

| Infrared sensor | max. 4 m x 4 m presence |

Accessories

Service remote control
RC 6 KNX
EAN 4007841 593018

User remote control
RC 7 KNX
EAN 4007841 592912

Surface-mounting adapter
AP Box KNX
EAN 4007841 003029

Guard cage
EAN 4007841 003036

IR Quattro Slim KNX
Infrared presence detector

- Ultra-slim presence detector
- Almost invisible – only 4 mm overall depth
- 4 × 4 m square detection zone
- Only retina lens in the world
- Can be operated by remote control
- Dimensions (H x W x D) 77 x 77 x 60 mm
- Recommended installation height 2.5 – 4 m

EAN 4007841 593711

Infrared sensor
max. 4 m x 4 m
presence

CONTROL
PRO
SYSTEM

Accessories

Service remote control
RC 6 KNX
EAN 4007841 593018

User remote control
RC 7 KNX
EAN 4007841 592912

Motion detectors.
Dynamic means effective.

Motion detectors respond to walking movements. They perceive these in the selected detection zone and respond to them:
light is switched ON when movement is detected once ambient light levels fall below a preselected threshold. Light switches OFF
after preselected time has elapsed. Their use is recommended for detecting moving objects outdoors or in transit areas.

sensIQ S KNX
Infrared motion detector

- 4 digital pyro sensors
- 1,360 switching zones
- Reference-class 300° infrared sensor
- Reach mechanically adjustable
  in 3 directions from 2 – 20 m
- Wall mounting
- Vacation mode to simulate that somebody
  is at home
- Includes remote control
- Dimensions (H x W x D) 114 x 74 x 128 mm
- Recommended installation height 2.00 – 5.00 m

EAN 4007841 004064 white
EAN 4007841 004040 stainless steel
EAN 4007841 004057 black

infrared sensor
3 × 100°

3 zones
scalable
2 – 20 m

IP54

sensIQ

Accessories

Corner wall mount, sensIQ S EAN 4007841 608835 white
Corner wall mount, sensIQ S EAN 4007841 608804 stainless steel
Corner wall mount, sensIQ S EAN 4007841 608828 black

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