



## PROFESSIONAL

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Trade & professional / Sensors / Presence Detectors / Dual HF

### Dual HF

#### Information copy

Twice as vigilant! High-frequency corridor sensor Presence Control PRO Dual HF COM1 for indoors, ideal for passageways and long corridors, installation height up to 3.5 m, for switching light 'ON' and 'OFF', DUAL-HF technology for detecting radial movement over up to 20 m in two directions, detection regardless of temperature, HF-sensor technology detects movement through glass, wood and stud walls, switches light 'ON' almost instantly.



#### Details

##### **Live life conveniently and save energy too.**

More quality of life, more safety and security and more energy saved with intelligent sensor technology from STEINEL.

##### **Light ON / OFF - automatically.**

Highly innovative sensors respond to movements and light levels, automatically and instantaneously switching the light ON and OFF again after a preselected time.

**Presence Control PRO Dual HF COM1, the high-frequency corridor sensor with COM1 interface for operating light in relation to ambient brightness and presence in corridors and aisles.** Sensing movement from the ceiling in either direction, the system operates with 2 special high-frequency sensors that reliably cover both corridor directions irrespective of temperature with a radial reach of 20 m. Reach is proportionately selectable in either direction. Additional functions provide the capability of adjusting to the particular usage situations at potentiometers or by remote control. For example, IQ mode for automatically adjusting stay-ON time to room usage, pulse mode for

activating a staircase lighting timer as well as DIP switches (semi-/fully automatic mode, button / switch mode etc.). The detection zone can be extended by interconnecting master/master or master/slave detectors. Optionally available remote controls take the effort out of installing and using this system.

# 2000w

2000 W max.

# 5 JAHRE GARANTIE

5 years functional warranty



ideal 2,5 - 3,5 m

# iQ

IQ-mode



indoor sensor



max. 20 x 3 m

# TEACH

Teach mode



energy saving



high frequency sensor 360°



Optional remote controls



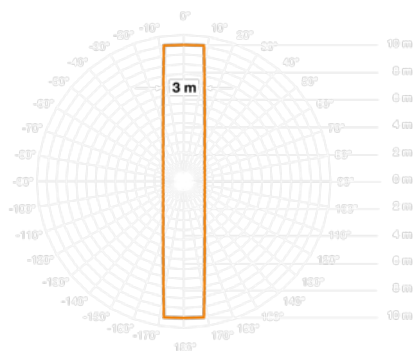
Optional surface-mounting adapters (IP 54, KNX)



Optional guard cage



HF-ceiling adapter for suspended ceilings



Presence Control PRO Dual  
HF

installation height 2.8 m  
(indoor corridor situation,  
radial walking direction)

## Technical specifications Dual HF COM1

|                                                     |                                                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------|
| <b>European Article Number (EAN)</b>                | 4007841002978                                                             |
| <b>Model</b>                                        | Presence detector                                                         |
| <b>Dimensions (h x w x d), concealed mounting</b>   | 120 x 120 x 75 mm                                                         |
| <b>Dimensions (w x h x d) surface mounting</b>      | 120 x 120 x 70 mm                                                         |
| <b>Sensor type</b>                                  | High Frequency                                                            |
| <b>Application</b>                                  | inside buildings                                                          |
| <b>Installation</b>                                 | Ceiling                                                                   |
| <b>Recommended installation height</b>              | 2.5-3.5 m                                                                 |
| <b>Detection angle</b>                              | 360° with 140° angle of aperture, also through glass, wood and stud walls |
| <b>Reach</b>                                        | 10 x 3 m max. in each direction, electronically and infinitely adjustable |
| <b>Sensor system</b>                                | 5.8 GHz high-frequency (transmitter output < 1mW)                         |
| <b>User-friendly setting capability</b>             | Teach-in (with optional remote control RC3)                               |
| <b>Light-level setting</b>                          | 10 – 1000 lux, ?/daylight                                                 |
| <b>Light-level setting DIM</b>                      | 100 - 1000 lx<br/> ∞ / daylight                                           |
| <b>Response value luminosity</b>                    | 10-1000 lx                                                                |
| <b>Teach-function for response value luminosity</b> | Yes                                                                       |
| <b>Parallel-connected configurations</b>            | Master/slave<br/> Master/master                                           |
| <b>Time setting</b>                                 | 30 sec. – 30 min., pulse mode (approx. 2 sec.)<br/> IQ mode               |

(automatic adjustment to usage profile)

|                                                 |                         |
|-------------------------------------------------|-------------------------|
| Degree of protection (IP)                       | IP20                    |
| IP rating with AP Box<br>(surface-mounting box) | IP54                    |
| Housing                                         | UV-resistant, paintable |
| Model                                           | COM1                    |

## Application

indoors

up to a mounting height of 3.50 m

ideal for passageways and long corridors