For smart buildings
To turn rooms into perfect places, intelligent devices are needed – like the new presence detectors, which combine numerous functions for a pleasant atmosphere and maximum energy savings in the room. The new presence detectors capture data concerning brightness, temperature, humidity and CO₂ and thus control not only the illumination systems but also ventilation and heating systems. This creates the optimal ambient conditions in the room and ensures the precise capture, monitoring and control of energy consumption – for maximum comfort and the highest energy efficiency.

For higher efficiency
These presence detectors enable efficient and intelligent light and temperature control depending on the use of the rooms and thus optimization of consumption. The high-resolution detection area enables the detection of motion (400 m²) and presence (64 m²) – for a higher security, energy savings and efficiency in the room. The product version with ultrasound offers a detection area of 28 (presence) to 79 m² (motion).

For more comfort
From optimal lighting at any time of day or season depending on the room occupancy to the control of blinds, the presence detectors ensure the best possible brightness conditions at all times. The constant light control function of the presence detectors provides a constant lighting level that reliably adapts even to rooms with great spatial depth. To ensure optimal living and working conditions, without compromising productivity and performance, continuous measurement of the CO₂ concentration is essential. The presence detectors measure and evaluate the captured data and control the ventilation systems such that good air quality is assured and energy consumption simultaneously reduced. Easy and uncomplicated commissioning of the device is possible via remote control thanks to the integrated infrared receiver. This enables the programming and operation of the devices without dismantling them. The presence detectors are installed with just one cable, minimizing installation time and costs.

Highlights
• Cost-effective and energy-saving through up to 3 HVAC sensors and controllers in a single device
• High-resolution detection area
• Reliable presence detection
• Optimal lighting through constant light control
• Precise measured value evaluation
• Flexible mounting options
Typical application fields

Thanks to the high-resolution detection area, the new presence detectors are particularly suitable for use in long corridors and open-plan offices.

With the new ultrasound sensor technology both motion and presence can be detected, even behind objects.

The new presence detectors enable reliable constant light control for optimal brightness conditions in the room.

The presence detectors are primarily suitable for use in purpose-built buildings that have rooms of great spatial depth and large fluctuations in foot traffic volume, e.g. office buildings with open-plan offices or educational institutions such as schools and universities.
Selection and order data

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Smart Infrastructure intelligently connects energy systems, buildings and industries to adapt and evolve the way we live and work.

We work together with customers and partners to create an ecosystem that intuitively responds to the needs of people and helps customers to better use resources.

It helps our customers to thrive, communities to progress and supports sustainable development.

Creating environments that care.
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