

Presence detectors can help you meet energy reduction targets in new and existing buildings

Our wide range of presence detectors are designed to reduce the amount of time lighting is left on unnecessarily, for example if an area is unoccupied or if there is sufficient natural light.

A presence detector monitors the detection zone for occupancy; if a person is sensed then the detector will automatically turn the lighting on. When the area is vacated, the lighting will turn off after a preset time delay. Most of our detectors have a built in light level (lux) sensor which will keep the lighting off if there is enough natural light available.

Controlling lighting with a presence detector can save up to 60% of lighting energy costs dependent on occupancy behaviour and the amount of natural light available; our detectors can also be used to control heating and ventilation.

In our range you are sure to find a presence detector that will suit any area. We have a wide range of PIR (Passive Infrared) presence detectors which detect body heat and movement and are ideally suited to smaller spaces or where a defined detection pattern is required.

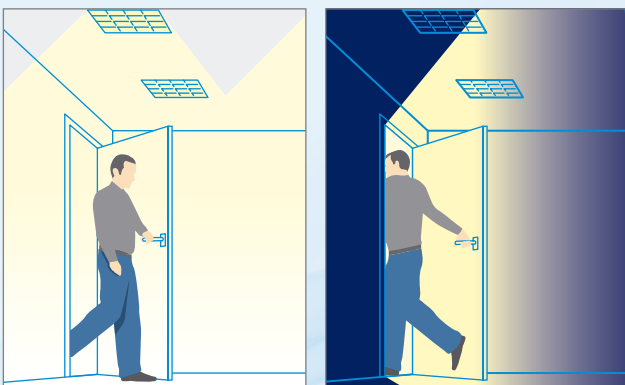
We also have a large range of microwave presence detectors which are sensitive to movement and are ideal for large spaces and areas that have an awkward shape.

We are confident that in our range you will find the right presence detector to control your lighting efficiently.

Presence and absence detection explained

The choice between presence and absence detection for different spaces can make a big difference in user-friendliness and the amount of energy saved.

Presence Detection

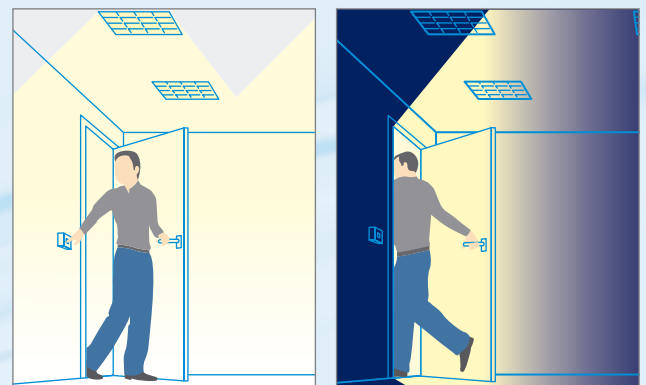


Presence detectors will switch on lighting automatically upon people entering the room, and switch off lighting automatically when no movement is detected.

Applications:

Used to light areas ahead to avoid hazards and provide maximum convenience for the user. Also improves installation time and lowers cost as no wall switch is required.

Absence Detection



Upon entering the room the person switches on the light as normal but, when leaving, the absence detector switches off the lighting automatically.

Applications:

Commonly used when any delay of illumination could be a hazard. Also improves energy efficiency by only turning the lights on if and when the user needs them.