

PRESS RELEASE

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Updated to 32 metres: ESYLUX COMPACT presence detectors with new detection ranges

ESYLUX has completed an extensive update of one of its most successful automation series. The COMPACT series of presence and motion detectors has been extended to include variants with a detection range of 32 metres. ESYLUX is continuing to rely on radiation-free passive infrared technology in its motion detection solutions.

When it comes to demand-driven building automation, variety is all about offering solutions that can be adapted as precisely as possible to the unique requirements of the environment in which they are used. With this in mind, ESYLUX is now extending its successful COMPACT automation series to offer greater flexibility for larger spaces.

A variety of detection ranges based on radiation-free PIR sensor technology

The tried-and-tested presence and motion detectors already available in the series have been supplemented by variants with a detection range of 32 metres, suitable as solutions in areas such as open-plan offices. The radiation-free passive infrared technology preferred by ESYLUX is used for motion detection in these variants too. "We are striving to fundamentally avoid any form of electrosmog in areas where people spend long periods of time, such as at their workstations", explains Marcus Pabsch, Head of ESYLUX Product Management. The PIR technology uses piezoelectric semiconductor crystals that respond to the body heat of moving people.

Variants for a range of operating technologies

A total of six new detector variants for different operating technologies have been added to the series. The remote-controlled PD-C 360i/32 ceiling-mounted presence detector delivers presence and daylight-dependent switching in 230-volt systems while the PD-C 360i/32 plus presence detector also features a separate HVAC switch contact. A new slave variant is the feature that has enabled the detection range to be increased to 32 metres. The MD-C360i/32 ceiling-mounted motion detector is ideal for less frequently used areas that benefit from little or no natural light.

The COMPACT series also includes new solutions for control via digital interfaces. The PD-C360i/32 DUO DALI ceiling-mounted presence detector controls two individual light channels via DALI broadcast. When combined with the DALI switch from ESYLUX, this product also offers presence-dependent switching of conventional devices like ventilation systems. When it comes to KNX systems, the PD-C 360i/32 KNX UP presence detector provides numerous KNX-related additional functions, including the ability to send a separate presence signal to a central detection arrangement.

About ESYLUX - Performance for Simplicity

ESYLUX develops, manufactures and distributes intelligent automation and lighting solutions that ensure better quality of life and energy efficiency in office buildings, educational institutions and health facilities. People's requirements and needs are central to the company's activities. ESYLUX places particular value on the simple application of its product solutions. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects who trust in the company's 50 years of market experience and the personal, specialist advice provided by ESYLUX experts. Furthermore, ESYLUX meets the highest quality standards in research, development and production at its German site in Ahrensburg. The sales organisation is global: ESYLUX operates on five continents in collaboration with experienced trading partners and is represented by numerous subsidiaries in Europe, Asia and Oceania.

Find more information at www.esylux.com

Press contact

ESYLUX GmbH

Christian Schöps

Corporate Communications Consultant

T +49 (0) 4102 88 880-2017

F +49 (0) 4102 88 880-333

E christian.schoeps@esylux.com

Photos and captions

(Source: ESYLUX GmbH)

**PD-C 360i/32**

High detection range; radiation-free sensor technology