

PRESS RELEASE

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A rapid way to improve energy efficiency: Presence and motion detectors in the BASIC EXPRESS series

For a simple and quick introduction to demand-driven lighting control, ESYLUX is presenting the presence and motion detectors from the new entry-level BASIC EXPRESS series at the Light + Building trade fair. The detectors can be installed in suspended ceilings without the need for further accessories and used to switch the lighting based on demand. This means that the detectors increase energy efficiency and convenience in building areas where simpler functionality is sufficient, and their flush-mounted design ensures a discreet appearance.

The energy-efficient modernisation of buildings is one of the most critical challenges of the present day, as both energy costs and global CO₂ emissions need to be reduced. Simple movement- and daylight-dependent switching of lighting makes an important contribution to this. ESYLUX has developed the BASIC EXPRESS series to provide an easy way to get started with this type of automation.

Installation without the need for accessories or cavity wall boxes

The presence and motion detectors are intended for installation in suspended ceilings and require no further accessories to achieve this. The housing features protection type IP23, integrated strain relief and pre-mounted clamping springs. There is a clamp cover on the top of the housing, meaning installation does not require use of a cavity wall box. The flush-mounted design of the detectors also ensures a discreet appearance.

Zero-cross switching to protect the relay

During operation, zero-cross switching protects the relay of the detector from in-rush currents caused by electronic ballasts, while the push button input enables semi-automatic operation as required. The total detection range of 8 m in diameter can be easily expanded through the parallel wiring of multiple detectors. Through-wiring with double diaphragm cable entry for cables of up to 2.5 mm² also makes installation simpler.

All detectors in the BASIC EXPRESS series are immediately ready for use with factory settings and can be easily parameterised using either the optional REMOTE CONTROL MDi/PDi or the ESY-Pen and ESY-App.

About ESYLUX – Performance for Simplicity

ESYLUX develops, produces and distributes intelligent automation and lighting solutions for a better quality of life and energy efficiency in office buildings, educational institutions and healthcare facilities. People's requirements and needs are central to what we do. As a result, we place particular importance on ensuring that our product solutions are easy to use. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects, who put their trust in more than 55 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. Our sales organisation is global: ESYLUX operates in collaboration with experienced trading partners and is represented by numerous distribution companies in Europe, Asia and Oceania.

More information is available at www.esylux.com

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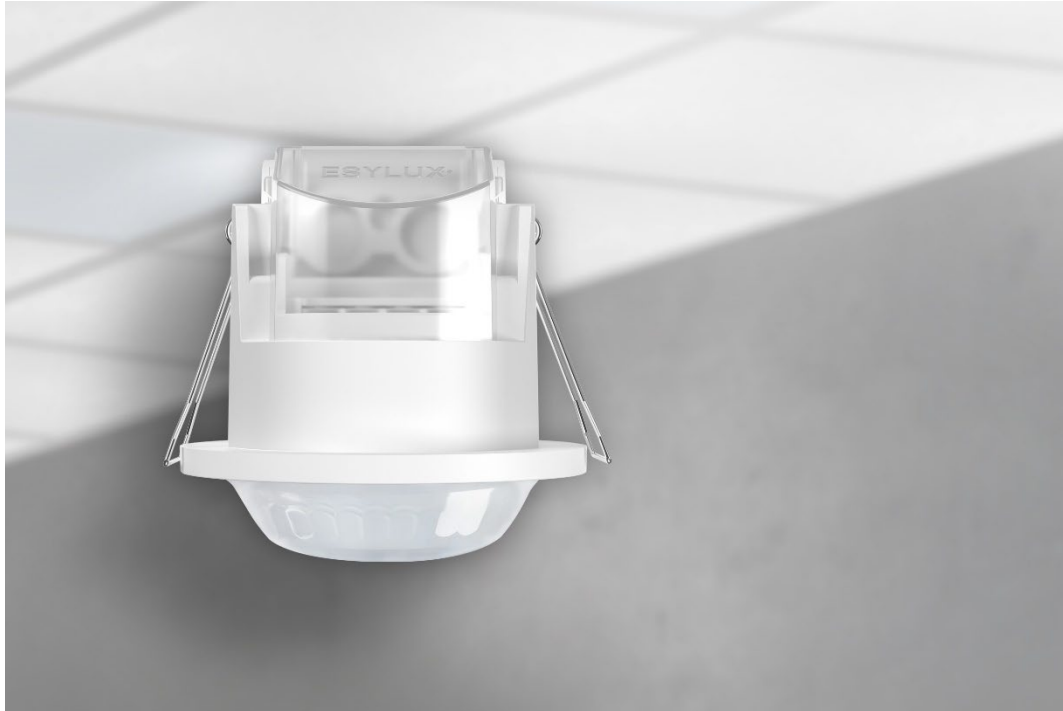
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Photos and captions

(Source: ESYLUX GmbH)

**BASIC EXPRESS**

Presence and motion detectors from the BASIC EXPRESS series do not require accessories for recessed ceiling mounting, providing a quick way to get started with energy-efficient lighting control.