New Niko KNX Detectors

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All new range of KNX detectors from Niko

Niko's brand new range of KNX ceiling detectors combine all the features you could ever want in a detector, and none you don't. In total, there are 4 SKUs available, but 2 of these will cover nearly all your requirements when it comes to presence and motion detection.

Visibly striking & virtually invisible

Niko's new detectors are both beautiful and beautifully designed. The range includes a discreet flat lens version, and the new mini detector is small enough to be integrated in thin ceiling finishing profiles, making them the perfect solution for offices. But don't let their diminutive size fool you… these new KNX detectors pack a punch when it comes to performance.

High-level delivery

In some cases however, we know you'll need detectors that deliver performance at even higher ceiling heights … it's why Niko's new range includes 2 high-performance motion detectors for particularly large spaces: up to 40 m detection range and heights up to 10 metres.

Interchangeable deco rings in black or white

All SKUs come with interchangeable deco rings in either black or white, meaning it's easy to swap them if a customer changes their mind. Naturally too, all are finished to Niko's high-quality standards.

The best technology solution

Niko's new KNX detectors are precisely engineered to do the job of sensing motion and presence. This means they are not over engineered to be everything for everyone, as they don't detect temperature change and Volatile Organic Compounds (VOC sensing).

Niko firmly believes that multi-sensing is an emerging technology and needs to mature before a product can really deliver customers' needs for multi-sensing. In our opinion, it doesn't make sense to integrate temperature and VOC sensing in ceiling detectors, as these are already controlled by HVAC and heating systems, and ceilings are not necessarily the best place to monitor temperature, odours or pollutants.

Excellent value for money

Our new detectors offer excellent value for money. Following an in-depth analysis of the market, each new detector has been engineered to deliver top quality performance and yet retail at a highly competitive price.

5 available channels

All of Niko's KNX detectors offer 5 channels, so you don't have to worry about which detector to choose, and you won't have to replace them if your project manager decides on another application beyond presence and lighting control.

IEC quality in measuring detector performance

Niko is one of the first manufacturers to measure its detectors' performance according to EN/IEC63180:2020 standards. This test procedure promises to become the standard for the industry. A robot is used to emulate a human body to maximize accuracy of the measurements. The norm also specifies how to present the detection range so that it can be recognized, trusted and used for comparison to other IEC 63180 compliant products.

> It's good to have a choice of colours when it comes to finishing off an interior nicely. Niko's stylish KNX detectors — available in black and white — are just what we were looking for.
>
> *Architect at City Council*

Both individuals and companies want greater flexibility and comfort when it comes to the management of lighting and access control systems. This is only possible when you connect and monitor equipment, and then control it using an automation system that speaks a common language.

Based on interviews and market input, Niko has completely redesigned its entire KNX detector range to make life easier for everyone involved. Just four SKUs will now be able to meet all the requirements of the market, meaning it'll be easier to choose the motion and presence detector you want.

> "
> While we wanted the best motion and presence detectors for our project, we also wanted equipment that wasn't over engineered with features we were never going to use. Niko's new range of KNX detectors fitted the bill perfectly.
>
> *Lead engineer on building sites*

P34MR KNX Mini FM
350-34001

- Flat lens
- Includes plug in connector for easy installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- IP54
- Small form factor (28mm drill diameter, 40mm depth in ceiling)

Presence P34MR KNX FM/FMB
350-34002

- Flat lens
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- Up to IP54 in combination with surface mounting accessory
- For flush mounting or flush-mounting box
- Surface mounting via accessory

Motion M34LR KNX FMB
350-34003/350-34013 (black)

- High performance
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

Motion M34HC KNX FMB
350-34004/350-34014 (black)

- Installation height up to 10m
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

Niko designs electr(on)ic solutions to enhance buildings to better suit the needs of the people who live and work in them. By using less energy, by improving light comfort and safety and by making sure all applications work together seamlessly. Buildings with Niko are more efficient, are controllable from a distance and interact within bigger ecosystems. Niko is a Belgian family business from Sint-Niklaas with 700 employees and 10 European branches.

At Niko, there is one question that keeps us busy every day: "How can we enhance buildings to better suit your needs?"

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