

## A Temperature Sensor With Gira KNX Mini Komfort

Written by Alice Marshall  
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Gira adds an integrated temperature sensor to the Gira KNX Mini Komfort presence detector, allowing the sensor to respond to thermal motion in addition to light, leading to less energy waste.



The Gira KNX Mini Komfort not only adjusts lighting, but also measures room temperature and adjusts system settings accordingly to create the most comfortable environment possible. The sensor measures the temperature and responds to thermal motion, meaning it can adjust the heating, ventilation or air-conditioning according to how many people are in the room.

The device also automatically senses ambient brightness, and alters the light to best suit the environment. It can automatically switch off lights when it detects no movement, preventing lights being left on accidentally. Installers can configure it to run specific lighting scenes to fit the

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daily routine of the user, as well as open and close blinds when people come in or out of the room.

Gira says the sensor has a height of just 1.25mm, allowing for flush-mounting with a low-protrusion, minimal profile. Available also surface-mounted, each ring can be colour-coated to match the wall or ceiling. While small, the mini presence detector has a range of around 12m with 3m installation height. It meets the IP44 standard, meaning it is fully waterproof and, as such, suitable for both indoor and outdoor use.

"The digital economy has become a quick-change market, constantly developing to meet the needs of the end user," Gira says. "By expanding the Gira KNX Mini Komfort to include a new temperature sensor, we can reduce the number of devices you need in the home to provide one, subtle design solution for controlling light and heat that is unobtrusive and retrofit suitable."

Go [Gira KNX Mini Komfort Presence Detector](#)