

# Datasheet

## Instruction

This is a KNX bio-presence sensor for intelligent building and home control systems. It integrates 24GHz radar human presence detection, motion sensing, and illuminance monitoring. It providing intelligent presence and ambient light control for lighting, HVAC, and security systems.

## Human Presence Sensor



## Key Features

- 24GHz radar human presence & motion detection
- Illuminance sensing function
- Adjustable sensing sensitivity
- Threshold / trigger value setting
- Radar presence & motion status indication via LED

## Parameters

- Power Supply: 12~24VDC
- Operating Current: < 50mA @ 24V DC
- Connections: KNX
- RF Frequency: 24.00 – 24.25GHz
- Motion Sensing Distance: 1.5 – 4m
- Presence Detection Distance: 1 – 3m
- Illuminance Measuring Range: 0 – 65535 Lux  
(1Lux ~ 60kLux)
- Delay Time: 10 – 7200s
- Installation: Ceiling Mounting
- Dimension:  $\Phi$ 67mm
- Working Temperature: -5°C to +45°C
- Storage Temperature: -25°C to +55°C
- Working Humidity: <93%RH (non-condensing)

