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Features

- The multi-function motion sensor includes Movement detection, Temperature detection, LUX detection, dry contact detection and external telegram detection.
- The multi-function motion sensor has 5 logic function blocks and can be set the logical relation AND/OR, Each has ten output objects. The work mode includes single mode and Master & Slave mode.
- The multi-function motion sensor can report movement status, temperature, Lux or dry contacts status to KNX system.
- The multi-function motion sensor supports constant brightness output.
- The recommended assembly height is 2 m – 3m. When the sensitivity of the detector reduces, the assembly height should increase.
- It can controls for Switch control, Absolute dimming control, Shutter control, Alarm control, Percentage control , Sequence control, Scene control, String control, Logic combination control.
- With function of constant brightness: keep the lux in the constant value, will dim the lights to the corresponding intensity according to the surrounding brightness.
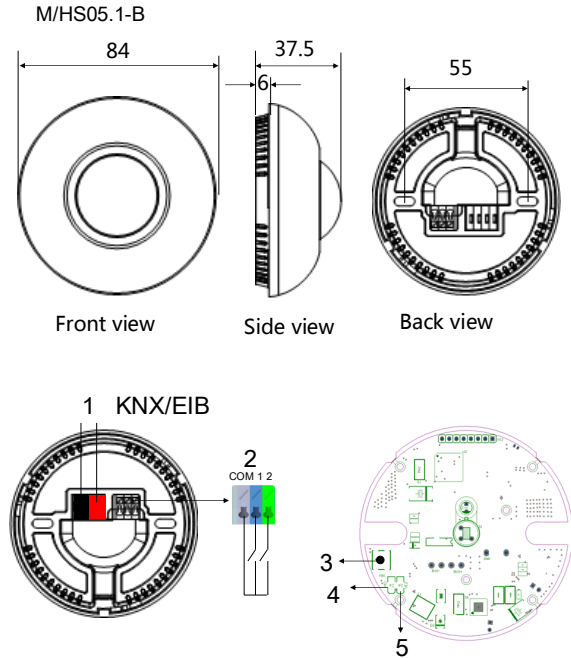
Important Notes

- **Special Programming** – This device is designed for professional KNX installation. It must be programmed by ETS software.
- **Cable Connections** – Do not get wrong connection for Black and Red wires
- **Mounting Location** – Indoors, keep away from the heat producer.
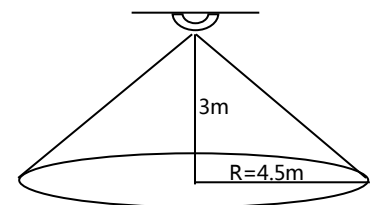- **Bus Voltage** - The input of voltage must be between 21-30VDC

Product Specifications

- **Working Voltage**: 21-30 V DC
- **Communication:** KNX/EIB
- **Dynamic Current: <** 10 mA
- **Static Current : <** 5 mA
- **KNX Terminals:** KNX Bus Terminal (Red /Grey) 0.6 – 0.8mm Diameter Single Core
- **PIR Sensing range in diameter:** 9m (install height-3m)
- **Compliance:** CE, KNX,
- **Dimensions:** Φ84mm×37.5mm
- **Housing Material:** ABS and PC.
- **Working Temperature:** -5℃~45℃
- **Working Relative Humidity:** 10%~98%
- **Storage Temperature:** -40℃~55℃
- **Storage Relative Humidity:** 10%~98%
- **IP class:** IP20

Type / wiring

M/HS05.1-B

Front view   Side view   Back view

1 KNX/EIB interface

2 Dry contact ,from left to right: Com, dry contact 1, dry contact 2

3 Programming button

4 Programming LED (VE1): For indicating normal mode (LED Off) or address mode (LED On); it will be off automatically once time, when the physical address has been modified. or idle mode (LED Off)

5 Working LED (VE2): detect any movement LED will ON.

PIR Sensing range

⚠ **WARNING**

- Do not get wrong connection on positive and negative for the bus cable
- Never let the liquid get into the module, it will damage this devices
- Do not get AC voltage into Bus wire , it will damage all devices in the system