KLüGER

DOPPLER SENSOR CEILING MOUNT
DOPPLERSENSOR DECKEMONTAGE

Overview

The B-CM MS.01 Indoor Doppler sensor includes LUX sensor, microwave sensor, humidity sensor, temperature sensor, dry contact and universal switch.

With 24 logic blocks users can create a diverse range of applications, which meet the needs of multiple situations. A common application often created is for room management, this allows the system to know if the room is occupied or vacant. If a sensor in the room detects movement, it can send a command to the Klüger bus to activate the HVAC, turn on the TV, play Music, etc., to automatically create a comfortable and relaxed atmosphere.

Technical Details

Working voltage	**DC12-30V**
Power consumption	**32mA/DC24V**
Temperature detection range	**-40°C~60°C**
Illumination detection range	**0~5000LUX**
Humidity detection range	**20~95%RH**
Microwave detection range	**H:7m D:12m L:6m**
Working temperature	**-20°C~+45°C**
Working relative humidity	**＜90%**
Storage temperature	**-20°C~+60°C**
Storage relative humidity	**＜93%**
Dimension	**Φ84.5mm×32mm**
Weight	**67.5g**
Housing material	**ABS**
Installation	**Ceiling mount**
Protection degree	**IP20**
CE, RoHS, UL Approved	

Features

- Built-in LUX sensor, microwave sensor, humidity sensor, temperature sensor, dry contact, universal switch.
- Two logical relations: OR, AND.
- It has 24 logic blocks, Both true logic and false logic can trigger the targets respectively. Each logic can set 20 targets.
- Adjustable microwave sensitivity, range is 1-100.
- Each logic supports trigger delay time from 0 to 3600s.
- The range of universal switch numbers in logic is 201-248, each logic has 2 universal switch numbers.

Safety Instructions

- The screw down torque should not exceed 0.1Nm.
- Wrong connections on the bus interface will damage it.
- Never let liquids get into the sensor, it will damage the device.
- Do not allow AC power into the Bus interface, it will damage all the devices in the system.
- Do not let the sensor come into contact with liquids or corrosive gases.
- Ensure good ventilation.

Installation

For technical support, contact
support@klugerautomation.com

For more information, visit
www.klugerautomation.com