MX-HD100

KNX Highbay Motion Detector

Features

• MX-HD100 KNX Highbay Motion Detector is ideal for warehouses, industrial areas, conference rooms and sport halls.

• Constant light function can be applied in dependence of presence information thanks to integrated brightness sensor and movement sensor. MX-HD100 regulates the ambient brightness to a defined brightness value.

• Lighting can be set to different brightness levels with corridor functionbased on occasions such as "motion detection, after movement, no action". Stay-on time can be changed the by end user.

• Air-conditioning and ventilation systems can be controlled by independent HVAC channel.

•Presence information can be sent to presence monitoring applications by independent presence channel.

• The MICROAXS KNX MX-HD100 can be used as a standalone device or master-slave device (parallel operation with other sensors) according to necessity of project.

• MX-HD100 enables fully-automatic and semi-automatic lighting control.

• Test and calibration mode allow for easy installation.

• The device does not require an additional power supply.

Specification

Model	MX-HD100
Supply Voltage	21V… 30V DC, KNX line
Current consumption	≤ 10 mA
Application Area	Interior rooms
Sensor Type	Passive infrared
Installation Location	Ceiling
Installation Recommended height	7 m – 14 m
Detection Diameter (at height of 12m)	22 m movement detection
Additional Channels	Brightness, presence channel, HVAC channel
Area	113 m^2
Angle	360°
Light level	10 – 1000 lux
Parallel operation	Master/Master, Slave/Master
Temperature Operation	-5° C + 45° C
Storage	-25° C + 55° C
CE	In accordance with the EMC guideline and low voltage

Drawings

Prg.

Physicall Add.

Ø 96 mm

41 mm

51 mm

44.5 mm

46 mm

44.5 mm

Ø 16 mm

78 mm

Ø 96 mm

R2,50