HD100
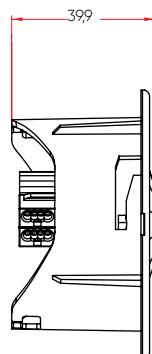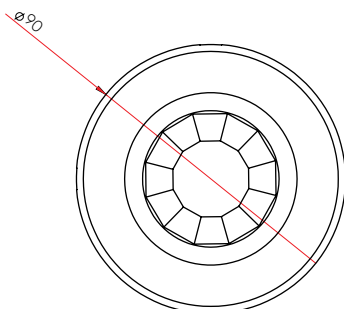## EAE KNX HIGHBAY MOTION SENSOR

At 14m mounting height;

25m Area detection

General Specifications

- 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. HD100 regulates the ambient brightness to a defined brightness value.

- Lighting can be set to different brightness levels with corridor function based on occasions such as "movement, after movement, no movement". 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 EAE KNX HD100 can be used as a standalone device or master-slave device (parallel operation with other sensors) according to necessity of project.

- 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.

Dimensions (mm)

Ø90

39,9

Technical Information

Protection Type	IP 20	EN 60529
Safety Class	II	EN 61 140
Power Supply	Voltage	21 – 30V DC, KNX Line
	Current consumption	< 10mA
Application areas		Warehouses, Car Parks etc.
Sensor Type		Passive infrared
Installation	Location	Ceiling
Detection	Diameter (at height of 12m)	14m movement detection
	Area	25m
	Angle	360°
	Light Level	10–1000 lux
Additional Channels		Brightness, presence channel, HVAC channel
Parallel Operation		Master/Master, Slave/Master
Operating Elements	LED (red) and button	For physical adress
Temperature Range	Ambient	– 5°C +45°C
	Storage	–25°C +55°C
	Transport	–25°C +70°C
Dimensions		See Scale Drawings
Weight	0.065 kg	
Box	Plastic, Polycarbonate, Colour White	
CE	In accordance with the EMC guideline and low voltage	
Application Program	Communications objects	Number of addresses (max)
	44	254

Ordering Information

Product Name	Product Code	Ordering Code	Package Information
EAE KNX Highbay Motion Detector (Surface mounted)	SMP HD100 EAE F-KNX	48108	1 pcs.