

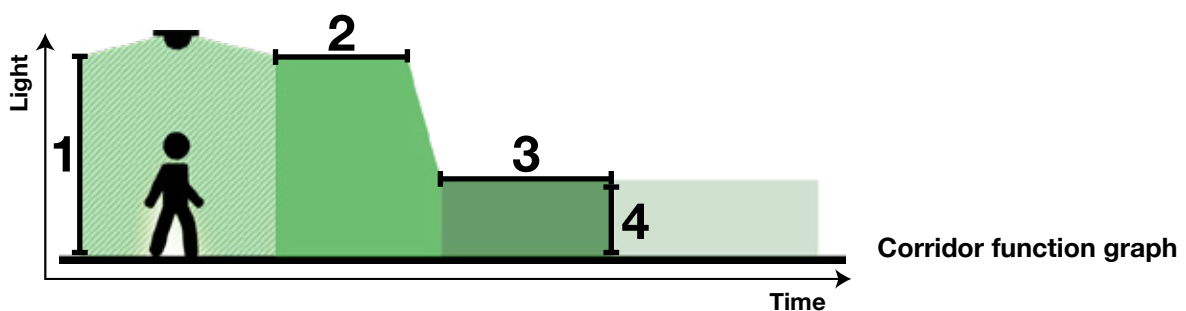
CD100

EAE KNX CORRIDOR SENSOR



General Specifications

- The CD100 KNX Corridor Sensor is developed for corridors, warehouses and car parking spaces. It has two mounting options which are flush mounted and surface mounted.
- Depending on the entity, a constant light function can be applied with the integrated brightness and motion sensor. The existing light may be compared with the desired level of light and an adequate level will be provided.
- The sensor has corridor function feature. Through to this feature presence, absence, stay on time and switch off delay values can be adjustable via KNX. (Corridor function graph)
- It can operate in parallel connection with other sensors either on standalone or master-slave basis depending on application requirements.
- Based on the state of use of the external controls (button, switch, other sensors, etc.) full or semi automatic operating modes could be set-up.
- Test and calibration modes are convenient during installation.
- Does not need for external supply. It receives its power over KNX line.



- 1 Presence value** : Luminous intensity set for the presence of persons
- 2 Stay on time** : Delay time
- 3 Switch off delay** : Period of time during which the absence value is maintained before the lighting is switched off.
- 4 Absence value** : luminous intensity set for the absence of persons

Technical Information

Protection Type	IP 20	EN 60529
Safety Class	II	EN 61140
Supply	Voltage range	21 - 30V DC, KNX line
	Current consumption	< 10mA
Application areas	Indoors, Warehouses, Logistic Centers	
Sensor Type	Passive infrared	
Installation	Location	Flush / Surface Mounted
	Recommended height	2.5 m – 4m
Detection	CD100 Coverage (at 3 m height)	12x4 m coverage (radial walk) 20x6 m coverage (tangent walk)
	Angle	180° aisle
	Light Level	100 – 1000 lux
	Additional Channels	Illumination level, movement channel, HVAC ch.
Parallel Operation	Master/Master, Master/Slave	
Operating Elements	LED (Red) and button	Used to program the device
Operating Temperature	Operation	- 5°C +45°C
	Storage	-25°C +55°C
	Transportation	-25°C +70°C
Dimensions	H = 62 mm	Ø = 115 mm
Weight	Flush Mounted; 83g	
	Surface Mounted; 97 gr	
Ceiling section dimension	Ø 102 mm (4inch)	

