

Product data sheet

Versions		
SCN-KP360K301.03	KNX Combi-Presence Detector 360°	with room climate sensors, White matt finish
SCN-KP360K306.03	KNX Combi-Presence Detector 360°	with room climate sensors, Black matt finish

The MDT Combi-Presence detector 360° is designed for ceiling installation in an installation box. Movements are detected in a diameter of up to 11 m, presence in a diameter of up to 5 m. The indoor environment is monitored with additional sensors for temperature, humidity, CO2 and VOC mixed gas concentration. The quality of the air can be displayed directly on the presence detector using an air quality status indication light and RGB LEDs or output via objects

SCN-KP360K301.03



- Intelligent constant light control for up to 3 rows of luminaires
- Sensors for CO2 and VOC mixed gas concentration, relative humidity and temperature
- Upper and lower threshold value selectable per measured value
- Air quality visualisation via internal RGB LED
- Air quality status indication light for CO2 or VOC concentration with 4 colour channels and adjustable output objects (1-bit / scenes / RGB / HSV)
- 360° angle of detection, Range Ø 11 m, Presence Ø 5 m
- 1 HVAC- and 1 Alarm-/ message object
- Selectable trigger- and presence sensitivity for day, night and Alarm
- Short-term presence to reduce the follow up time
- Blocking- and forced operation with release time
- Air quality control function selectable as step-/ PI-controller for CO2-/ or VOC-sensor
- Integrated room temperature controller with settable control parameters and externally adjustable setpoint value
- 3 year warranty

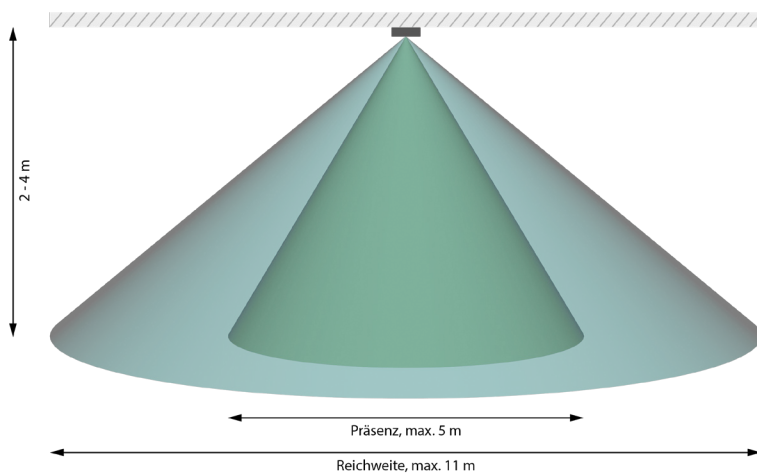
Technical Data	SCN-KP360K3xx.03
Range ¹	Ø 11 m
Presence ¹	Ø 5 m
Sensitivity	Adjustable in 10 steps
Detection range	360°
Range of light sensor	5 ... 1000 Lux
Measuring range CO ₂ ²	400 ... 5000 ppm
Measuring range temperature	0 ... 40 °C
Room temperature control range	7 ... 35 °C
Measuring range VOC ²	0 ... 500 IAQ (Index for air quality)
Measuring range relative humidity ³	0 ... 95 % rF
Specification KNX interface	TP-256
KNX application	as of ETS 5
KNX screw terminal	Ø 0.8 mm, solid core
Power Supply	KNX-Bus
Power consumption KNX bus typ.	< 0.5 W
Operation temperature range	0 ... 40 °C
Ambient humidity ³	20 ... 80 %
Short-term ambient humidity ³	0 ... 95 %
Protection classification	IP20
Installation Type	Flush-mounted (airtight installation box recommended)
Dimensions (Ø x Depth)	100 x 44 mm

¹ At the maximum mounting height of 4 m

² Not suitable for safety-relevant gas measurements

³ Avoid condensation

Coverage SCN-KP360K3xx.03



Wiring diagram SCN-KP360K3xx.03

