

MDT Presence Detector, flush mounted

Version		
SCN-P360D4.02	Presence Detector, 4 pyro detectors	Light sensor (Presence max. 8m)
SCN-P360K4.02	Presence Detector, 4 pyro detectors	Light sensor, constant level light intensity (Presence max. 8m)
SCN-P360D3.02	Presence Detector, 3 pyro detectors	Light sensor (Presence max. 5m)
SCN-P360K3.02	Presence Detector, 3 pyro detectors	Light sensor, constant level light intensity (Presence max. 5m)
SCN-G360D3.02	Glass Presence Detector, White, 3 pyro d.	Light sensor, (Presence max. 5m)
SCN-G360K3.02	Glass Presence Detector, White, 3 pyro d.	Light sensor, constant level light intensity (Presence max. 5m)
SCN-P360D1.01	Presence Detector, 1 pyro detectors	Light sensor (Presence max. 3-4m)

The MDT Presence Detector is available in several versions, with light sensor and with light sensor plus constant level light intensity. The Presence Detectors captures the smallest movements with 1-4 pyro detectors and a high resolution lens. The illuminance value is measured by a sensor and can be read out directly in lux. After presence detection a 1-bit or dimming value (0...100%) is sent to the bus, the sensitivity is adjustable in 10 steps. The light sensor releases a telegram if the brightness value differs from the programmed value. Additionally the MDT Presence Detector has block objects for light and HVAC channel and offers a module for scene control. The MDT Presence Detector with constant level light intensity can control up to 3 light rows (SCN-P360K3.01: 1 light row).

The MDT Presence Detector is a installation device for fixed installation in dry rooms, the preferred installation height is 2 up to 4 meters.

4 pyro detectors: Covered area for movement max. 16m (Diameter), the covered area for presence max. 8m (Diameter).

3 pyro detectors: Covered area for movement max. 11m (Diameter), the covered area for presence max. 5m (Diameter).

1 pyro detector: Covered area for movement max. 5m (Diameter), the covered area for presence max. 3-4m (Diameter).

For project design and commissioning of the MDT Presence Detector it is recommended to use the ETS.

Please download the application software at www.mdt.de/Downloads.html

SCN-P360D4.02



SCN-P360D3.02



SCN-P360D1.01



SCN-G360D3.02



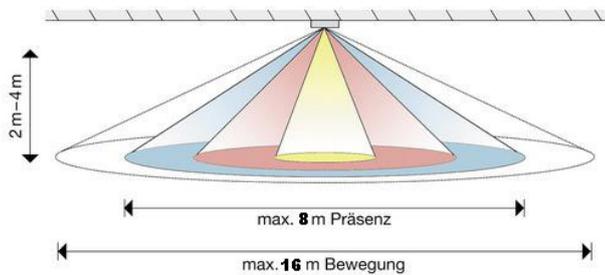
- Production in Germany, certified according to ISO 9001
- New application
- White Glass front, integrated temp. sensor (SCN-G360x3.02 only)
- 1, 3 or 4 pyro detectors with lens for presence detection
- Adjustable presence and presence sensitivity for day, night and alarm *
- Up to 4 light channels, sensors can be individually analyzed
- 1 HVAC and 1 alarm / notification channel
- Short time presence to reduce the after-running time *
- Input for an external push button with reset time *
- Intelligent switching function for automatic and manual operation *
- Blocking and forced function with release time *
- Extensive day / night function with 2nd switching object
- Orientation light (brightness and time adjustable)
- Avoiding of false reports for the alarm channel by reducing the sensitivity and adjustable observation window
- 3 years warranty

* not SCN-P360D1.01

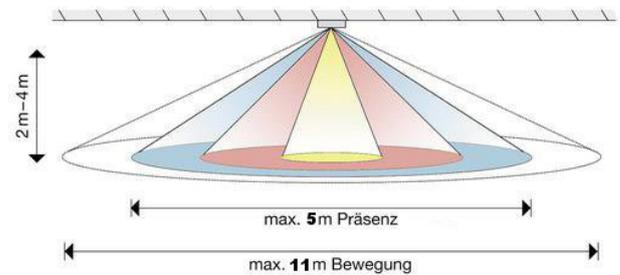
Technical Data	SCN-P360D4.02 SCN-P360K4.02	SCN-P360D3.02 SCN-P360K3.02	SCN-G360D3.02 SCN-G360K3.02	SCN-P360D1.01
Covered area (Diameter)				
Movement *	16m	11m	11m	5m
Presence *	8m	5m	5m	3-4m
Sensitivity	adjustable in 10 steps	adjustable in 10 steps	adjustable in 10 steps	fixed, not adjustable
Angular coverage	360°	360°	360°	360°
Range of light sensor	5 - 1000 Lux	5 - 1000 Lux	5 - 1000 Lux	5 - 1000 Lux
Measurement range temperature	-	-	-10 to +50C	-
Specification KNX interface	TP-256	TP-256	TP-256	TP-256
Available application software	ETS 4/5	ETS 4/5	ETS 4/5	ETS 4/5
Permitted wire gauge				
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core	0,8mm Ø, solid core	0,8mm Ø, solid core
Power supply	KNX bus	KNX bus	KNX bus	KNX bus
Power consumption KNX bus typ.	<0,3W	<0,3W	<0,3W	<0,3W
Operation temperature range	0 to + 40°C	0 to + 40°C	0 to + 40°C	0 to + 40°C
Enclosure	IP 20	IP 20	IP 20	IP 20
Dimensions (W x H x D)	85mm x 85mm x 38mm	75mm x 75mm x 35mm	92mm x 92mm x 32mm	43mm x 43mm x 30mm

* at maximum mounting height of 4m (See images below).

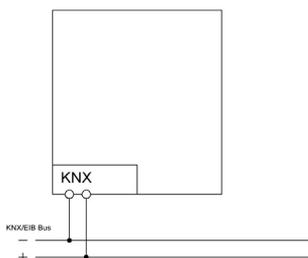
Covered area SCN-P360x4.02



Covered area SCN-x360x3.02



Exemplary circuit diagram SCN-x360xx.02



Covered area SCN-P360x1.01

