MDT Presence Detector, flush mounted

Version		
SCN-P360D4.01	Presence Detector, 4 pyro detectors	Light sensor (Presence max. 8m)
SCN-P360K4.01	Presence Detector, 4 pyro detectors	Light sensor, constant level light intensity (Presence max. 8m)
SCN-P360D3.01	Presence Detector, 3 pyro detectors	Light sensor (Presence max. 5m)
SCN-P360K3.01	Presence Detector, 3 pyro detectors	Light sensor, constant level light intensity (Presence max. 5m)
SCN-G360D3.01	Glass Presence Detector, White, 3 pyro d.	Light sensor, (Presence max. 5m)
SCN-G360K3.01	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 2 versions, Presence Detector with light sensor and Presence Detector with light sensor plus constant level light intensity. Both Presence Detectors capturing the smallest movements with their built in pyro detectors and 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 send to the bus, the sensitivity is adjustable in 10 steps. The light sensor releases a telegram if the brighness value differs from the progammed 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 intesity 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-P360D4.01   SCN-P360D3.01
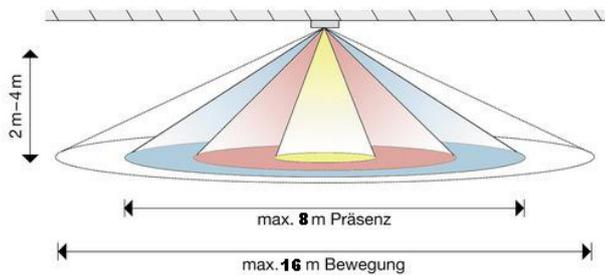
SCN-P360D1.01   SCN-G360D3.01

- Production in Germany, certified according to ISO 9001
- Presence detector with light sensor
- 1-4 pyro detectors with high resolution lens
- Programmable sensibility (Not SCN-P360D1.01)
- Switching function depending on brightness and movement
- Brighness value can be read out
- Master/slave function programmable
- Scene functions
- Day/Night function, monitoring with messages
- 2 zone operation (SCN-P360x4.0 only)
- HVAC control channel (adjustable over a certain period)
- Block and forced setting functions
- Orientation light (Brightness and time adjustable)
- Lowerable Sensitivity during night and for standby
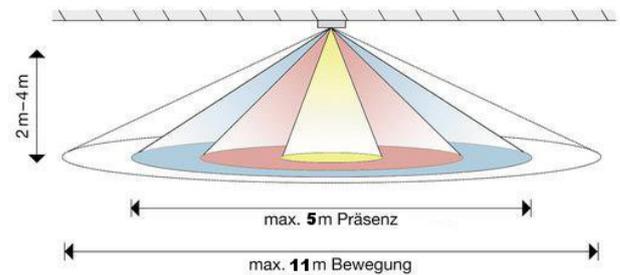- Integrated bus coupling unit
- 3 years warranty

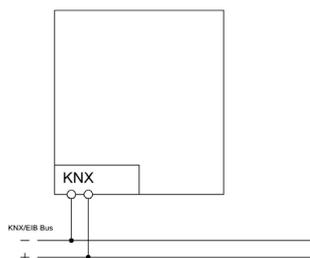| Technical Data	SCN-P360D4.01 SCN-P360K4.01	SCN-P360D3.01 SCN-P360K3.01	SCN-G360D3.01 SCN-G360K3.01	SCN-P360D1.01
Covered area (Diameter)				
Movement *	16m	11m	11m	5m
Presence *	8m	5m	5m	3-4m
Sensitivity	adjustable in 10 steps	adjustable in 10 steps	adjustable in 10 steps	fixed, not adjustable
Angular coverage	360°	360°	360°	360°
Range of light sensor	5 - 1000 Lux	5 - 1000 Lux	5 - 1000 Lux	5 - 1000 Lux
Specification KNX interface	TP-256	TP-256	TP-256	TP-256
Available application software	ETS 3/4/5	ETS 3/4/5	ETS 3/4/5	ETS 3/4/5
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-P360x4.01

Covered area SCN-x360x3.01

Examplary circuit diagram SCN-x360xx.01

Covered area SCN-P360x1.01

DIN EN ISO 9001
TAW Cert
Zert.Nr.1905606