MDT Presence Detector MR16

Version		
SCN-P360E3.03	Presence Detector MR16, 3 sensors	With temperature sensor and LED night light

The MDT Presence Detector with light sensor captures smallest movements with 3 sensors and a high resolution lens.

The light control channel of the MDT Presence Detector sends a „1" telegram or a dimming value (0...100%) after the detection of a movement. The sensitivity is adjustable in 10 steps. If there is no movement, a „0" telegram or a dimming value (0..100%) is sent after an adjustable overrun time.

The light sensor triggers a „0" or a „1" telegram when exceeding ar falling below the adjusted lux value. The Presence Detector has blocking objects for light and HVAC an an integrated scene module. The control channel HVAC (Heating, Ventilation, Air conditioning) of the Presence Detector switches after checking from 1 to 32 consectutive observation windows in which at least one movement was detected.

The MDT Presence Detector is a installation device for fixed installation in dry rooms, the preferred installation height is 2 up to 4 meters. Covered area for movement max. 11m (Diameter), Coverage for presence max. 5m (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
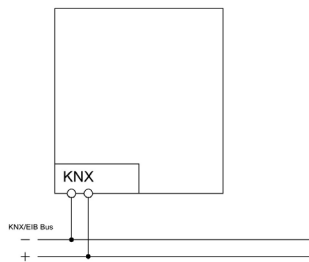
SCN-P360E3.03

- Production in Germany, certified according to ISO 9001
- New c**omprehensive application**
- 3 pyro detectors with lens for presence detection
- **Adjustable presence and presence sensitivity for day, night and alarm**
- Coverage 11m Ø, presence 5m Ø
- **3 light channels, sensors can be individually evaluated**
- 1 HVAC and 1 alarm / notification channel
- **Short time presence to reduce the after-running time**
- **Integrated temperature sensor**
- Input for an external push button with reset time
- **Intelligent switching function for automatic / manual operation**
- Blocking and forced function with release time
- Extensive day / night function with 2nd switching object
- **Integrated white LED night light**
- Orientation light (brightness and time adjustable)
- **Avoiding of false reports for the alarm channel by reducing the sensitivity and adjustable observation window**
- Also usable for swiveling MR16 mounting frame
- 3 years warranty

DIN EN ISO 9001
TAW Cert
Zert.Nr.1905606

Technical Data	SCN-P360E3.03		
Coverage (Diameter)			
Movement *	11m		
Presence *	5m		
Sensitivity	adjustable in 10 steps		
Angular coverage	360°		
Range of light sensor	5 - 1000 Lux		
Measurement range temperature	-10 bis +50°C		
Specification KNX interface	TP-256		
Available application software	ETS 4/5		
Permitted wire gauge			
KNX busconnection terminal	0,8mm Ø, solid core		
Power supply	KNX bus		
Power consumption KNX bus typ.	<0,3W		
Operation temperature range	0 to + 40°C		
Enclosure	IP 20		
Dimensions (Diameter x Height)	42mm x 52		

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

Examplary circuit diagram SCN-P360E3.03

Coverage SCN-P360E3.03