

**MDT Room Temperature/Humidity sensor 63, Studio white glossy finish**

With temperature/humidity sensor

Version		
SCN-TFS63.01	Room Temperature/Humidity sensor 63	To fit 63mm systems/ranges, Studio white glossy finish

The MDT Room Temperature/Humidity sensor 63 detects temperature and humidity in indoor rooms, the dew point is calculated automatically. For the sensors the Min./Max values can be set in the parameterization of the device and appropriate actions can be defined in case of deviation.

The comfort zone of the indoor climate is set via Min./Max. values at the parameterization of the Room Temperature/Humidity sensor 63.

The MDT Room Temperature/Humidity sensor 63 is a flush mounted device for fixed installations in dry rooms. For project design and commissioning of the Room Temperature/Humidity sensor 63 it is recommended to use the ETS. Please download the application software at [www.mdt.de/downloads.html](http://www.mdt.de/downloads.html)

SCN-TFS63.01



- Production in Germany, certified according to ISO 9001
- Fits 63mm systems/ranges, e.g.:
  - Busch-Jaeger future linear, solo, carat, Busch-axent
- **Room temperatur sensor for indoor rooms**  
**Range -10 to +50°C**
- **Humidity sensor with dew point calculation**
- **Message when leaving the comfort zone**
- Limit values min/max, min/max memory
- Installation in a installation box with included support ring  
Recommended installation height: 1,6m
- Integrated bus coupling unit
- 3 years warranty

<b>Technical Data</b>	SCN-TFS63.01		
<b>Measurement range temperature sensor</b>	-10 to + 50°C		
<b>Measurement range humidity sensor</b>	0 - 95%*		
<b>Recommended installation height</b>	1,60m		
<b>Specification KNX interface</b>	TP-256		
<b>Available application software</b>	ETS 5		
<b>Permitted wire gauge</b>			
KNX busconnection terminal	0,8mm Ø, solid core		
<b>Power supply</b>	KNX bus		
<b>Power consumption KNX bus typ.</b>	<0,3W		
<b>Operation temperature range</b>	0 to + 45°C		
<b>Ambient humidity (permanent)</b>	20 - 80%		
<b>Ambient humidity (short-term)</b>	0 - 95%		
<b>Enclosure</b>	IP 20		
<b>Dimensions (W x H)</b>	63mm x 63mm		
<b>Installation depth in installaton box</b>	12mm		

\* Avoid condensation

**Exemplary circuit diagram SCN-TFS63.01**

