

**MDT Room Temperature/Humidity sensor 55, White glossy finish**

With temperature/humidity sensor

Version		
SCN-TFS55.01	Room Temperature/Humidity sensor 55	To fit 55mm systems/ranges, White glossy finish

The MDT Room Temperature/Humidity sensor 55 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.

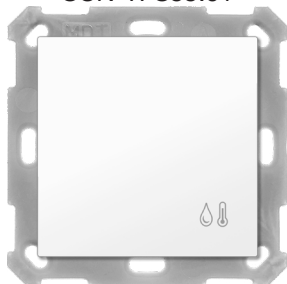
The comfort zone of the indoor climate is set via Min./Max. values at the parameterization of the Room Temperature/Humidity sensor 55 .

Fits 55mm systems/ranges:

- GIRA Standard 55, E2,E22, Event, Esprit
- BERKER S1, B3, B7
- JUNG A 500, A CREATION, AS 500, A550, A FLOW
- MERTEN 1M, M-Smart, M-Plan, M-Pure

The MDT Room Temperature/Humidity sensor 55 is a flush mounted device for fixed installations in dry rooms. For project design and commissioning of the Room Temperature/Humidity sensor 55 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-TFS55.01

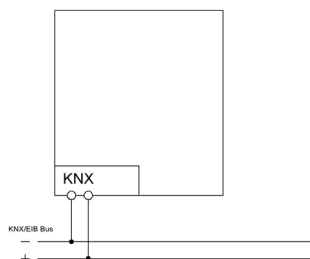


- Production in Germany, certified according to ISO 9001
- Fits 55mm systems/ranges
- **Room temperatur sensor for indoor rooms**  
**Range -10 to +50°C**
- **Humidity sensor with dew point calculation**
- **Message when leaving the comfort zone**
- Limit values min/max, min/max memory
- Installation 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-TFS55.01		
<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>	55mm x 55mm		
<b>Installation depth in installaton box</b>	12mm		

\* Avoid condensation

**Exemplary circuit diagram SCN-TFS55.01**



**Compatible to 55mm programs**

<b>Manufacturer</b>	<b>Series</b>
Berker	B.7 Glas polarweiß
Berker	B.3 Alu polarweiß
Berker	S.1 polarweiß
Berker	B.1 polarweiß matt
Berker	B.7 Glas Alu
Berker	S.1 polarweiß matt
Gira	Standard 55 reinweiß seidenmatt
Gira	E2 reinweiß seidenmatt
Gira	E22 reinweiß glänzend
Gira	Esprit Glas mint
Gira	Esprit Glas weiß
Gira	Event Alu
Gira	Event reinweiß matt
Merten	M-Smart polarweiß brillant
Merten	M-Plan polarweiß edelmatt
Merten	M-Arc polarweiß edelmatt
Merten	M-Pure
Merten	M-Plan Echtglas brillantweiß
Merten	M-Smart polarweiß
Jung	A 500
Jung	A CREATION
Jung	AS 500
Jung	A 550
Jung	A FLOW