

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

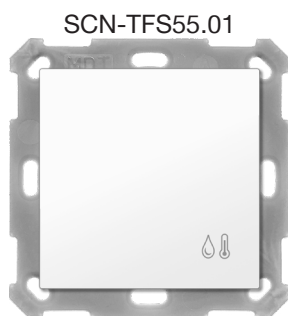
The MDT Room Temperature/Humidity sensor 55 detects temperature and humidity in indoor rooms, the dew point is calculated automatically. For the sensors the Min./Max values can be set in the parameterization of the device and appropriate actions can be defined in case of deviation.

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

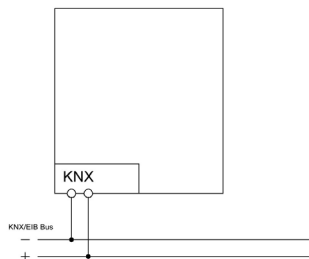


- Production in Germany, certified according to ISO 9001
- Fits 55mm systems/ranges
- **Room temperature sensor for indoor rooms**
Range -10 to +50°C
- **Humidity sensor with dew point calculation**
- **Message when leaving the comfort zone**
- Limit values min/max, min/max memory
- Installation in a installation box with included support ring
Recommended installation height: 1,6m
- Integrated bus coupling unit
- 3 years warranty

Technical Data	SCN-TFS55.01		
Measurement range temperature sensor	-10 to + 50°C		
Measurement range humidity sensor	0 - 95%*		
Recommended installation height	1,60m		
Specification KNX interface	TP-256		
Available application software	ETS 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 + 45°C		
Ambient humidity (permanent)	20 - 80%		
Ambient humidity (short-term)	0 - 95%		
Enclosure	IP 20		
Dimensions (W x H)	55mm x 55mm		
Installation depth in installaton box	12mm		

* Avoid condensation

Exemplary circuit diagram SCN-TFS55.01



Compatible to 55mm programs

Manufacturer	Series
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