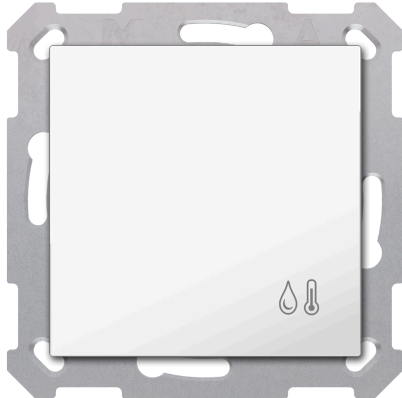


## SCN-TFS55.01

KNX Room Temperature/Humidity sensor 55, Pure White glossy finish



### Product description:

The MDT Room Temperature/humidity sensor 55 to measure room temperature and humidity level. The dew point is calculated by the integrated humidity sensor. Adjustable humidity and temperature limits to determine the comfort in a room. Individual 1 Bit messages for temperature and humidity limits. Design suitable for 55 mm switch ranges from various manufacturers.

### Product functions:

- Suitable for 55 mm switch ranges e.g. MDT assortment 55, GIRA Standard 55, E2, Event, Esprit, BERKER S1, B3, B7, JUNG A 500, A PLUS, A CREATION, AS 500, A 550, A FLOW or MERTEN 1M, M-Smart, M-Plan, M-Pure
- Room temperature sensor
- Measurement range -10 ... +50 °C
- **Humidity sensor with calculation of the condensation point**
- **Notification when leaving the comfort zone**
- **Temperature min/max memory and messages**
- Installation in an installation box using the included installation frame
- Recommended installation height: 1.60 m
- Integrated Bus coupler

## Technical data:

<b>Device</b>	Device type	SCN Room Temperature-/Humidity Sensor
	Article Number	SCN-TFS55.01
	EAN / GTIN	4251916111779
	Colour	Pure White, glossy finish
	Dimensions (H x W x D)	55 x 55 x 26 mm
	Weight, gross (incl. packaging)	0.063 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Installation depth in switch box	12 mm
	Included carrying ring	Carrying ring A
	Recommended installation height	1.6 m
	Installation position	any
	Weight, net	0.043 kg
	<b>Inputs</b>	Measuring range for temperature
Measuring range for relative humidity		0 ... 95 %
<b>KNX</b>	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
<b>Environmental conditions</b>	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Air humidity (permanent)	20 ... 80 %
	Air humidity (short-term)	0 ... 95 %
	Condensation permissible	No
<b>Connections</b>	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

## Wiring diagram:

