

MDT Twilight Sensor / Temperature Sensor, surface mounted

Version		
SCN-DTSEN1.01	Surface mounted	To measure and evaluate the outside brightness and outside temperature

The MDT Twilight Sensor / Temperature Sensor KNX measures the outdoor brightness and outdoor temperature. The measured values are provided to the KNX system.

The Light sensor measures within the range of 10 – 100.000 Lux and provides the threshold value for brightness (1.000 – 100.000 Lux) and Twilight (10 – 1.000 Lux). For the Temperature sensor up to two threshold values can be defined e.g. a 1-Bit notification by frost.

The Twilight / Temperature Sensor KNX corresponds to the IP44 rating and is intended for surface mounted installation on building facades.

For project design and commissioning of the MDT Twilight sensor / Temperature Sensor the ETS 5/6 is required. You can find the Database on our homepage <https://www.mdt.de/en-gb/for-professionals/downloads.html>

SCN-DTSEN1.01



- Production in Germany, certified according to ISO 9001
- Light sensor to register twilight and brightness
- Temperature sensor to measure the outside temperature
- Two threshold values can be set for each measured value
- Adjustable switch on-/off time delay per threshold value
- Day- / night function object
- Twilight value range 10 - 1.000 Lux
- Temperature range -30 to +50 °C
- Protection classification: IP44
- Dimensions: 50 x 77 x 21 (W x H x D)
- Integrated bus coupling unit
- 3 years warranty

Technical data	SCN-DTSEN1 .01	
Measurements	Brightness / Twilight / Temperature	
Measurement range of light sensor	10 - 100.000 Lux	
Brightness measurement range	1.000 - 100.000 Lux	
Twilight measurement range	10 - 1.000 Lux	
Temperature measurement range	-30 to +50 °C	
Specification KNX interface	TP-256	
Available application software	ETS 5/6	
Permitted wire gauge		
KNX busconnection terminal	0,8 mm Ø, solid core	
Power supply	KNX bus	
Power consumption KNX bus typ.	< 0,3 W	
Operation temperature range	-30 to +70 °C	
Enclosure	IP44	
Dimensions (W x H x D)	50 mm x 77 mm x 21 mm	

Exemplary circuit diagram SCN-DTSEN1.01

