

## SCN-DTSEN1.01

KNX Twilight sensor / Temperature sensor KNX



### Product description:

The sensor complies with protection classification IP44 and is intended for surface mounting on building facades. The measured brightness and temperature values can be internally used as threshold values in the application and transmitted to the KNX installation. The dynamic range of the brightness sensor is 10 ... 100,000 lux. For example, for precise temperature and brightness measurement on the north side of a building, facing away from the sun.

### Product functions:

- **Brightness sensor to measure twilight and brightness**
- **Temperature sensor to measure the outside temperature**
- Two threshold values can be set for each measured value
- Selectable switch on/switch off delay for each threshold value
- Allocation of a day/night object
- Twilight value range 10 ... 1000 Lux
- Temperature range -20 ... +55 °C
- **Protection classification: IP44**
- Dimensions (H x W x D): 77 x 50 x 21 mm
- Integrated Bus coupler

## Technical data:

<b>Device</b>	Device type	SCN Twilight Sensor
	Article Number	SCN-DTSEN1.01
	EAN / GTIN	4251916112264
	Colour	Transparent
	Dimensions (H x W x D)	77 x 50 x 21 mm
	Weight, gross (incl. packaging)	0.054 kg
	Protection classification	IP44
	Installation position	vertical
	Weight, net	0.034 kg
	<b>Inputs</b>	Number of sensors
Measuring range for twilight		10 ... 1000 Lux
Measuring range for brightness		1000 ... 100000 Lux
Measuring range for temperature		-30 ... +50 °C
<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	-30 ... +70 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
<b>Connections</b>	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

## Wiring diagram:

