



85801100



IP20

KNX radio brightness sensor Electronics platform, polar white matt

Technical features

Functions

- ETS additional functions: button function, battery condition
- reset function (to factory setting)
- quicklink functions: up/down push-button

Configuration

- confectioned, with fibre-optic cable and plug

Controls and indicators

- with configuration button

Connectivity

Radio protocol	KNX Radio
Receiver category	2

Frequency

Radio transmission frequency	868,3 MHz
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Power

Radio transmission power	< 10 mW
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Measurement

Relative humidity (without condensation)	0...65 % (without condensation)
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Battery

Battery service life [years]	≈ 4
- with 2 Micro, alkaline batteries AAA LR03	

Detection

Fibre optic cable, sensor cable length	≈ 1,5 m
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Materials

Colour of design line	polar white
RAL colour	RAL 9010 - Pure white
Surface appearance	matt

Dimensions

Length	138 mm
Height	126 mm
Width	31 mm

Lighting control

Twilight setting range	≈ 10...300 lx
Sun setting range	≈ 1...10 klx

LED control

LED	with 2 potentiometers for sun/twilight and LED display for actual value, with configuration LED
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Installation, mounting

Installation mode	for suction cover to window pane
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Connection

- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Cable

Cable length, reed contact	max. 3 m
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Settings

- toolless quicklink configuration using buttons and LED display

Scope of delivery

- with adhesive pads and adhesive cable clips for fastening
- with photodiode

Equipment

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %

Use conditions

Operating temperature	0...50 °C
- low intrinsic energy requirement	

Weight

Weight	≈ 70 g
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Identification

Application, usage	KNX radio- sensors
Main design line	Electronics platform