

Order No.: 59MX1BW100WA | GTIN (EAN): 4058352774960

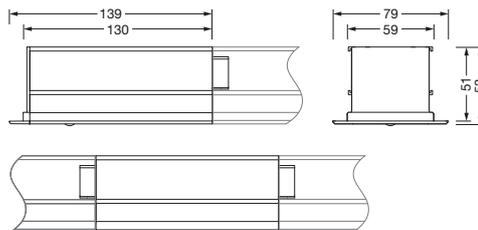
Product description: Sil21,sensPC2,locCtrl,PIR-sens



Silica 21sensor PC2, slave, local control - self-sufficient standalone sensors, dimmable, installation arrangement: single/continuous arrangement, installation type: slip-in mounting, installation location: to the Silica 21 luminaire, of extruded aluminium section, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, 1 x PIR movement sensor, 1 x light sensor, 1 x DALI, 1 x LED red/green, packaging unit: 1 piece

IP 20  

Wt. (kg): 0.3  
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.de](http://www.siteco.de))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 28.02.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: Sil21,sensPC2,locCtrl,PIR-sens

#### Key data

- System family: DALI-2
- Product type: lighting management components
- Product name: Silica 21
- Order No.: 59MX1BW100WA

#### Lighting technology | Lamps | Control gear

#### Component 1

#### Operating device:

- Control: DALI 2, dimmable

#### Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Temperature range (operation): 0..+40°C
- Certification, designation: CE

#### Material, Colour

- housing: extruded aluminium section, anodised, traffic white (RAL 9016), for luminaires with opal or prismatic cover

#### Mounting

- Mounting method, mounting location: slip-in mounting, to the Silica 21 luminaire
- Mounting height: 2.5..5m
- Arrangement: single/continuous arrangement
- Supplement: for recessed luminaires

#### Dimensions, Weight

- Length: 139mm
- Width: 53mm
- Height: 54mm
- Weight: 0.3kg

#### Inputs

#### 1x PIR movement sensor

- Connection: PIR sensor (passive-infrared)
- Detection angle: 360°
- Detection range: tangential approx. ø1.8m..7m
- Detection range: approx. ø1.8m..5m
- Option: detection range can be limited in stages using extendable lens covers (2x 180°)
- Feature: circular detection area

#### 1x light sensor

- Illuminance: 20..800lx (directly at sensor)

#### Outputs

#### 1x DALI

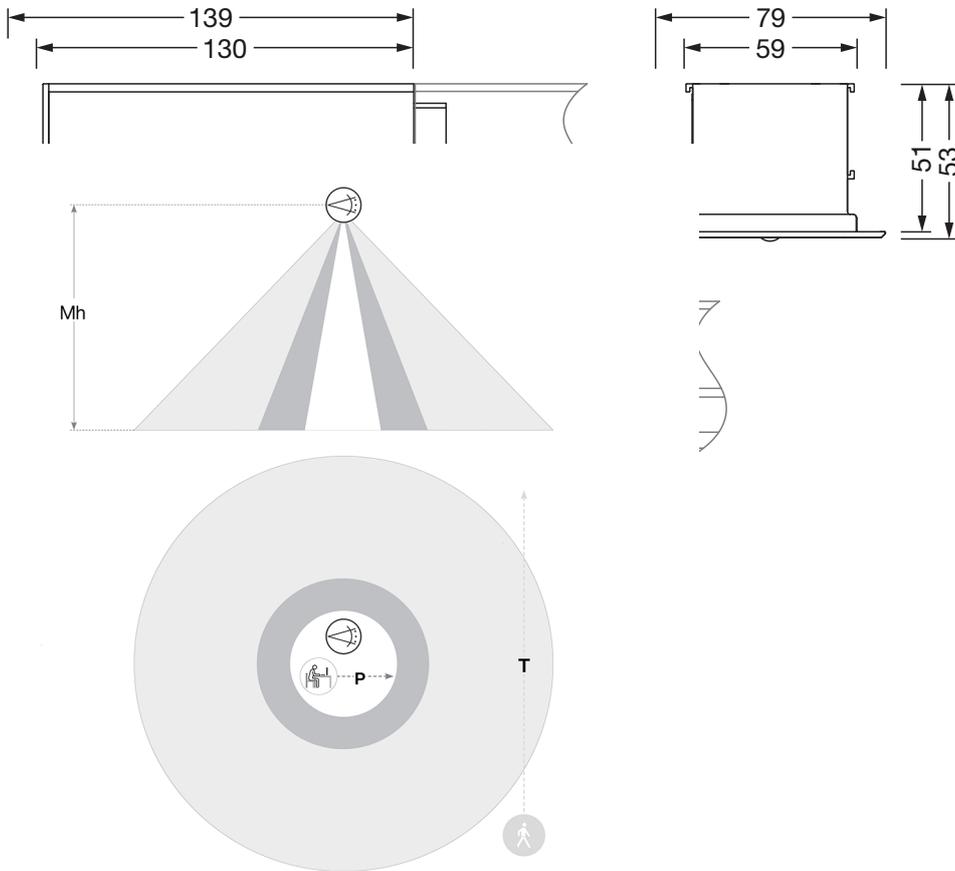
- System current: max. 6mA
- Feature: DALI, slave function, DALI current max. 6mA

#### 1x LED red/green

- Feature: for displaying initialization

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Dimensions: Sil21,sensPC2,locCtrl,PIR-sens



## Sensor PC2

Mh	Präsenz	Tangential
2,5m	ca. ø 1,8m -3,3m	ca. ø 1,8m -5,3m
3m	ca. ø 2m -4m	ca. ø 2m -6m
3,5m	ca. ø 2,5m -5m	ca. ø 2,5m -7m

Lichtsensor: Öffnungswinkel ca. 80°, Messbereich direkt am Sensor 20...800lx  
 Light sensor: opening angle approx. 80°, measurement range direct on the sensor 20...800lx

Die in der Tabelle dargestellten Reichweiten wurden unter Laborbedingungen ermittelt und dienen ausschließlich als unverbindliche Orientierungswerte. Sie basieren auf Messungen ohne bauliche oder umgebungsbedingte Einschränkungen der Sensorerfassung. Eine projektspezifische Planung und Bewertung der tatsächlichen Einbausituation durch qualifiziertes Fachpersonal ist zwingend erforderlich, um die geforderten Leistungs- und Funktionsanforderungen sicherzustellen.

The ranges shown in the table were determined under laboratory conditions and are provided solely as non-binding reference values. They are based on measurements without any structural or environmental limitations affecting sensor detection. A project-specific design and assessment of the actual installation conditions by qualified professionals is essential to ensure that the required performance and functional specifications are met.