

WIL-ERGBX-RXSS-XXXX-X280-M8XX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The E-series, with standard and premium lights, is ideal for focused lighting in work areas. Swiveling mounting brackets provide the necessary flexibility in the positioning of the lighting field. Thanks to the built-in M8 connectors, a simple and quick connection is given and allows the connection of several lights. The cover made of robust PMMA not only provides the necessary protection (IP54) but also ensures a homogeneous illumination with 5.700K.

General ordering data

| | |
|------------|---|
| Order No. | 2899870000 |
| Type | WIL-ERGBX-RXSS-XXXX-X280-M8XX |
| GTIN (EAN) | 4064675906926 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E354496

Dimensions and weights

| | | | |
|------------|--------|-----------------|--------------|
| Depth | 35 mm | Depth (inches) | 1.378 inch |
| Height | 35 mm | Height (inches) | 1.378 inch |
| Width | 280 mm | Width (inches) | 11.0236 inch |
| Net weight | 191 g | | |

Temperatures

Operating temperature -20 - 45°C

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 3ecd7eed-9477-489c-b868-70515b8da84d |

Cable technical specifications

Housing main material hard anodised aluminium

Connection data

| | | | |
|-------------------|---------------|-------------------|---|
| Version | pin, straight | Number of poles | 4 |
| Coding | A-coded | Connection thread | M8 |
| Tightening torque | 0.6 Nm | Wiring | Pin 1 / 2 / 4: control multicolor LED, Pin 5: GND(-), Pin 3: GND(-) |

Electric data

| | | | |
|---------------|-----------------------|-------|-------|
| Rated voltage | 24 V DC | Power | 5.5 W |
| Dimmable | yes, stepless dimming | | |

General technical data

| | | | |
|---|---------------|---------------------------------------|----------------|
| Type of connection | Pin connector | Electronic equipment on rolling stock | No |
| Shape of the LED module | Round | Light current | 552 lm |
| Emitting angle | 120 ° | Illumination level | 163 lux |
| Operating life | 60.000 h | Type of mounting | Screw mounting |
| Drill hole spacing | 289 mm | Protection degree | IP54 |
| Efficiency class (according to EU Directive No. 874/2012) | Not required | | |

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Technical data**Material data**

| | | | |
|-----------------------|------|-----------------------|-------------------------|
| Material of LED cover | PMMA | Housing main material | hard anodised aluminium |
|-----------------------|------|-----------------------|-------------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000996 | ETIM 9.0 | EC000996 |
| ETIM 10.0 | EC000996 | ECLASS 14.0 | 27-11-06-35 |
| ECLASS 15.0 | 27-11-06-35 | | |

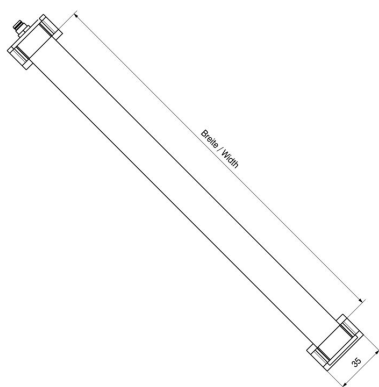
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Drawings

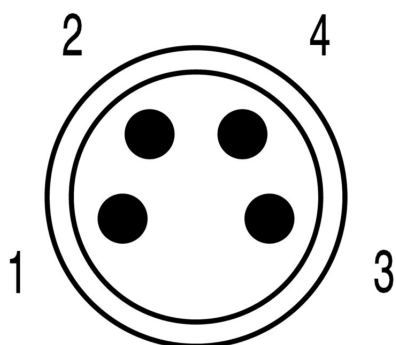
Dimensioned drawing



Dimensioned drawing



Pole scheme



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Accessories

Straight



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

| | | |
|------------|----------------------------|--------------------------------|
| Type | SAIBGS-P-4A-3.5/5-M8 | Version |
| Order No. | 1803880000 | Field attachable connector, M8 |
| GTIN (EAN) | 4032248259861 | |
| Qty. | 1 ST | |

PUR halogen-free black (U)



Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SAIL-M8BG-4-1.5U | Version |
| Order No. | 9457850150 | Sensor/actuator line, One end without connector, M8, Number of poles : 4, 1.5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248403387 | |
| Qty. | 1 ST | |
| Type | SAIL-M8BG-4-3.0U | Version |
| Order No. | 9457850300 | Sensor/actuator line, One end without connector, M8, Number of poles : 4, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248403394 | |
| Qty. | 1 ST | |
| Type | SAIL-M8BG-4-5.0U | Version |
| Order No. | 9457850500 | Sensor/actuator line, One end without connector, M8, Number of poles : 4, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248229208 | |
| Qty. | 1 ST | |

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Accessories

| | | |
|------------|----------------------------|---|
| Type | SAIL-M8BG-4-10U | Version |
| Order No. | 9457851000 | Sensor/actuator line, One end without connector, M8, Number |
| GTIN (EAN) | 4032248285693 | of poles : 4, 10 m, Female socket, straight, Shielded: No, LED: No, |
| Qty. | 1 ST | Sheath material: PUR, Halogen: No |
| Type | SAIL-M8GM8G-4-1.0U | Version |
| Order No. | 1880470100 | Sensor/actuator line, Connecting line, M8 / M8, Number of poles : |
| GTIN (EAN) | 4032248555499 | 4, 1 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath |
| Qty. | 1 ST | material: PUR, Halogen: No |
| Type | SAIL-M8GM8G-4-2.0U | Version |
| Order No. | 1880470200 | Sensor/actuator line, Connecting line, M8 / M8, Number of poles : |
| GTIN (EAN) | 4032248733965 | 4, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath |
| Qty. | 1 ST | material: PUR, Halogen: No |
| Type | SAIL-M8GM8G-4-3.0U | Version |
| Order No. | 1880470300 | Sensor/actuator line, Connecting line, M8 / M8, Number of poles : |
| GTIN (EAN) | 4032248487875 | 4, 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath |
| Qty. | 1 ST | material: PUR, Halogen: No |