

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2899870000</a>
Type	WIL-ERGBX-RXSS-XXXX-X280-M8XX
GTIN (EAN)	4064675906926
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	35 mm	Depth (inches)	1.378 inch
Height	35 mm	Height (inches)	1.378 inch
Width	280 mm	Width (inches)	11.024 inch
Net weight	191 g		

## Temperatures

Operating temperature	-20 - 45°C
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## Connection data

Version	pin, straight	Connection thread	M8
Number of poles	4	Coding	A-coded
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

Electronic equipment on rolling stock	No	Shape of the LED module	Round
Type of connection	Pin connector	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

## Material data

Housing main material	hard anodised aluminium	Material of LED cover	PMMA
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## Classifications

ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ECLASS 9.1	27-11-06-35	ECLASS 10.0	27-11-06-35
ECLASS 11.0	27-11-06-35	ECLASS 12.0	27-11-06-35
ECLASS 13.0	27-11-06-35		

## Environmental Product Compliance

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

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Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E354496

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">AINST-WIL-ERGBW GUIDE</a> <a href="#">WIL-E Demontage</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

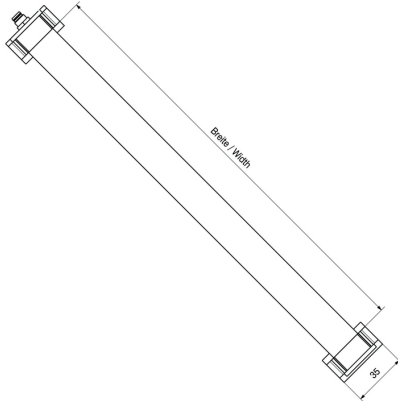
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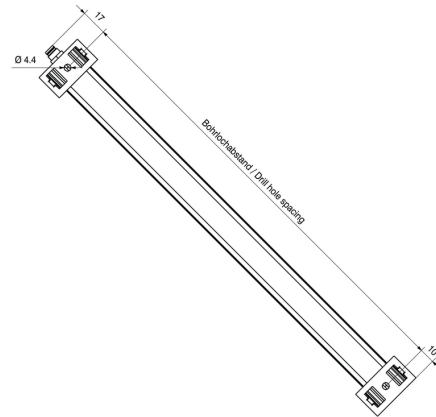
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# Drawings

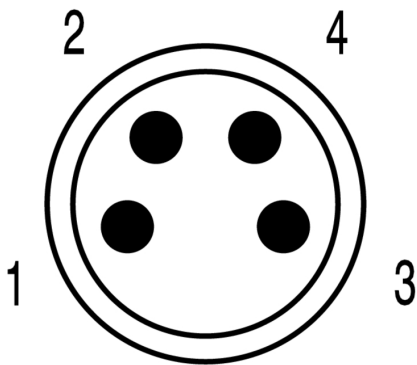
## Dimensioned drawing



## Dimensioned drawing



## Pole scheme



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## Accessories

### 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-M8GM8G-4-3.0U	Version
Order No.	<a href="#">1880470300</a>	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 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8GM8G-4-2.0U	Version
Order No.	<a href="#">1880470200</a>	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 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8GM8G-4-1.0U	Version
Order No.	<a href="#">1880470100</a>	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 pc(s).	material: PUR, Halogen: No

### 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	SAIB-M8-4P	Version
Order No.	<a href="#">1803880000</a>	Field attachable connector, M8, Female socket, straight
GTIN (EAN)	4032248259861	
Qty.	1 pc(s).	

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## General ordering data

Type	SAIL-M8BG-4-1.5U	Version
Order No.	<a href="#">9457850150</a>	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248403387	poles : 4, 1.5 m, Female socket, straight, Shielded: No, LED: No,
Qty.	1 pc(s).	Sheath material: PUR, Halogen: No
Type	SAIL-M8BG-4-5.0U	Version
Order No.	<a href="#">9457850500</a>	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248229208	poles : 4, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8BG-4-10U	Version
Order No.	<a href="#">9457851000</a>	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248285693	poles : 4, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8BG-4-3.0U	Version
Order No.	<a href="#">9457850300</a>	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248403394	poles : 4, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No