

WIL-ERGBW-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.	2899880000
Type	WIL-ERGBW-RXSS-XXXX-X280-M8XX
GTIN (EAN)	4064675906933
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	5
Coding	A-coded	Connection thread	M8
Tightening torque	0.6 Nm	Wiring	Pin 1 - 4: control multicolor LED, Pin 5: GND(-)

Electric data

Rated voltage	24 V DC	Power	13 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 colour (CCT)	Red, Green, Blue, White
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

Material data

Material of LED cover	PMMA	Housing main material	hard anodised aluminium
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Creation date 10.03.2026 10:20:10 MEZ

Catalogue status / Drawings

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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		

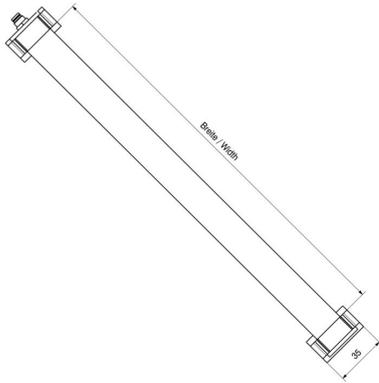
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Drawings

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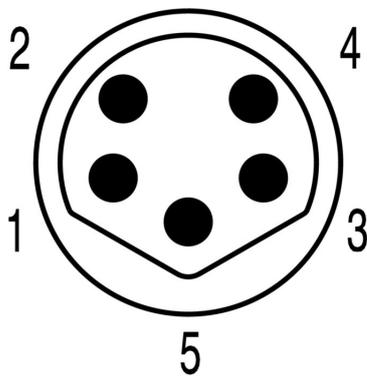
Dimensioned drawing



Dimensioned drawing



Pole scheme



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Accessories

PUR halogen-free, black (U)



PUR

halogen free

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-5-1.5U	Version
Order No.	2466650150	Sensor/actuator line, M8, Number of poles : 5, 1.5 m, Female socket,
GTIN (EAN)	4050118480948	straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Qty.	1 ST	
Type	SAIL-M8BG-5-3.0U	Version
Order No.	2466650300	Sensor/actuator line, M8, Number of poles : 5, 3 m, Female socket,
GTIN (EAN)	4050118480955	straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Qty.	1 ST	
Type	SAIL-M8BG-5-5.0U	Version
Order No.	2466650500	Sensor/actuator line, M8, Number of poles : 5, 5 m, Female socket,
GTIN (EAN)	4050118480962	straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Qty.	1 ST	
Type	SAIL-M8BG-5-10U	Version
Order No.	2466651000	Sensor/actuator line, M8, Number of poles : 5, 10 m, Female socket,
GTIN (EAN)	4050118480979	straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Qty.	1 ST	
Type	SAIL-M8GM8G-5-1.0U	Version
Order No.	2475210100	Sensor/actuator line, M8 / M8, Number of poles : 5, 1 m, pin, straight
GTIN (EAN)	4064675367734	- socket, straight, Shielded: No, LED: No, Sheath material: PUR,
Qty.	1 ST	Halogen: No
Type	SAIL-M8GM8G-5-2.0U	Version
Order No.	2475210200	Sensor/actuator line, M8 / M8, Number of poles : 5, 2 m, pin, straight
GTIN (EAN)	4064675367765	- socket, straight, Shielded: No, LED: No, Sheath material: PUR,
Qty.	1 ST	Halogen: No
Type	SAIL-M8GM8G-5-3.0U	Version
Order No.	2475210300	Sensor/actuator line, M8 / M8, Number of poles : 5, 3 m, pin, straight
GTIN (EAN)	4050118486827	- socket, straight, Shielded: No, LED: No, Sheath material: PUR,
Qty.	1 ST	Halogen: No