

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 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	5	Coding	A-coded
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

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

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	ECLASS 14.0	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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www.weidmueller.com**Technical data****Approvals**

Approvals



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

Downloads

Engineering Data	CAD data – STEP
User Documentation	AINST-WIL-ERGBW GUIDE WIL-E Demontage
Catalogues	Catalogues in PDF-format

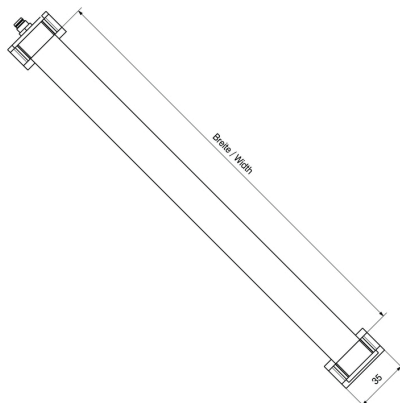
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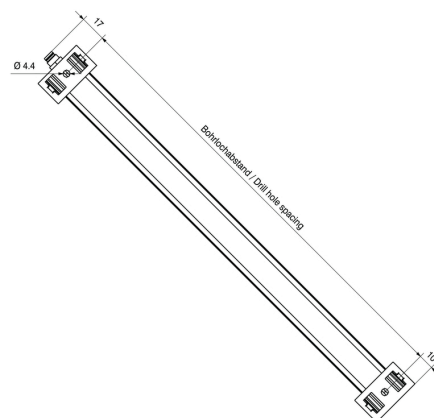
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Drawings

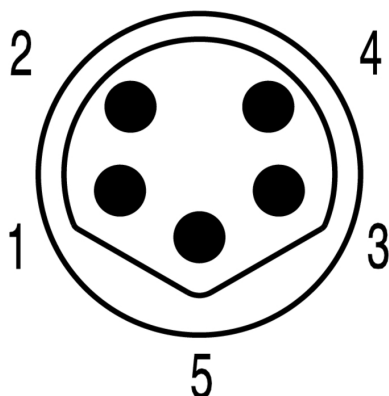
Dimensioned drawing



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-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 pc(s).	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 pc(s).	Halogen: No
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 pc(s).	Halogen: No

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General ordering data

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 pc(s).	

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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 pc(s).	
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 pc(s).	
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 pc(s).	