WIL-SXXXX-FXPF-6500-X140-M8XX-S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The S-series, available as compact standard and premium lights. The simple M8 connection technology enables plug-and-play as well as the ability for multiple luminaires to be mounted in a row. The light colors of 5.700K or 6.500K can also be smoothly dimmed. Thanks to full encapsulation of the premium variant, the S series offers a high level of tightness and additional protection against ingress of solid foreign bodies ≥ 1.0mm (IP69). In addition to their flat installation height of 18mm, this enables their use in machine interiors.

General ordering data

Order No.	2899990000
Type	WIL-SXXXX-FXPF-6500-X140-M8XX-S
GTIN (EAN)	4064675907046
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	30 mm	Depth (inches)	1.1811 inch
Height	17.5 mm	Height (inches)	0.689 inch
Width	140 mm	Width (inches)	5.5118 inch
Net weight	159 g		

Temperatures

Operating temperature	-20 - 70°C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	37ebc061-1fa2-4387-80af-82299a5c3412

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: control white LED 12-30V DC, Pin 2: dimmable 1.2-10V DC, Pin 3: GND(-), Pin 4: NC

Electric data

Rated voltage	12...30 V DC	Power	3.4 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)	6500K, Cold white
Light current	286 lm	Emitting angle	120 °
Illumination level	88 lux	Operating life	60.000 h
Type of mounting	Screw mounting	Drill hole spacing	196 mm
Protection degree	IP69K	Efficiency class (according to EU Directive No. 874/2012)	Not required

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Technical data

Material data

Housing main material	hard anodised aluminium	Encapsulation compound	PUR V0

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
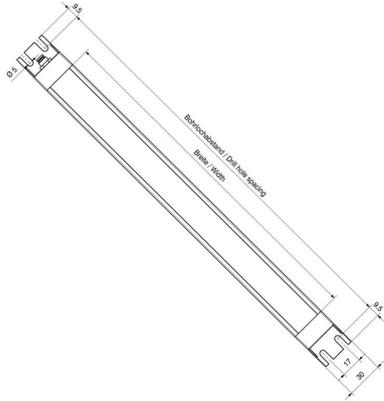
Pole scheme
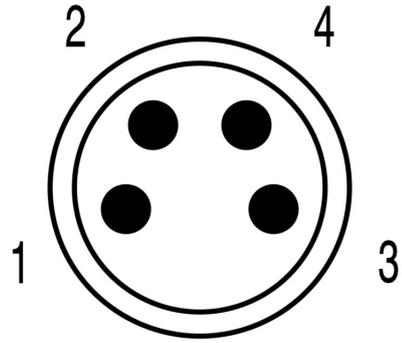
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Accessories

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
GTIN (EAN)	4032248403387	poles : 4, 1.5 m, Female socket, straight, Shielded: No, LED: No,
Qty.	1 ST	Sheath material: PUR, Halogen: No
Type	SAIL-M8BG-4-3.0U	Version
Order No.	9457850300	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 ST	material: PUR, Halogen: No
Type	SAIL-M8BG-4-5.0U	Version
Order No.	9457850500	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 ST	material: PUR, Halogen: No

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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	