WIL-SXXXX-FXPF-6500-X560-M8DX-S

Weidmüller Interface GmbH & Co. KG

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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.	2900180000
Type	WIL-SXXXX-FXPF-6500-X560-M8DX-S
GTIN (EAN)	4064675907121
Qty.	1 items

WIL-SXXXX-FXPF-6500-X560-M8DX-S

Technical data

Approvals

Approvals	CE c\RUs UKCA
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	560 mm	Width (inches)	22.0472 inch
Net weight	564 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

LED Modul is attachable	yes	Version	pin, straight - socket, straight
Number of poles	4	Coding	A-coded
Connection thread	M8 / 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	13.8 W
Dimmable	yes, stepless dimming		

General technical data

Type of connection	Pin connector, Socket connector	Electronic equipment on rolling stock	No
Shape of the LED module	Round	Light colour (CCT)	6500K, Cold white
Light current	1142 lm	Emitting angle	120 °
Illumination level	340 lux	Operating life	60.000 h
Type of mounting	Screw mounting	Drill hole spacing	616 mm
Protection degree	IP69K		

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Technical data

Material data

Housing main material	hard anodised aluminium	Encapsulation compound	PUR V0

Classifications

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ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	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	ECLASS 15.0	27-11-06-35

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Drawings

Dimensioned drawing
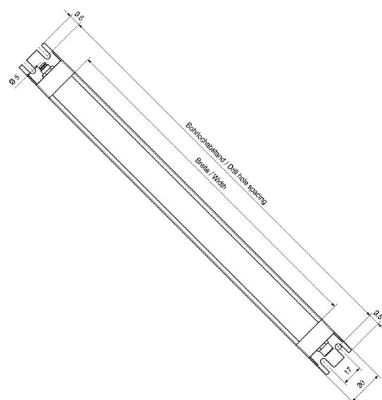
Pole scheme
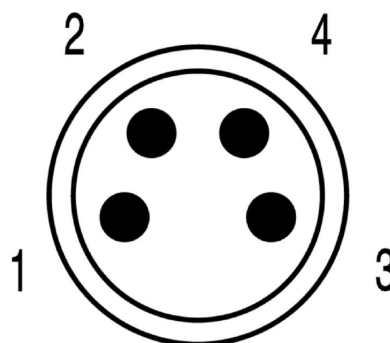
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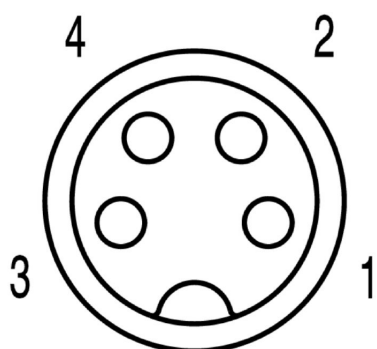
Weidmüller

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	
Type	SAISGS-P-4A-3.5/5-M8	Version
Order No.	1803850000	Field attachable connector, M8
GTIN (EAN)	4032248259830	
Qty.	1 ST	

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-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

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Accessories

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	
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-M8G-4-1.5U	Version	
Order No.	1906270150	Sensor/actuator line, One end without connector, M8, Number of	
GTIN (EAN)	4032248541652	poles : 4, 1.5 m, pin, straight, Shielded: No, LED: No, Sheath material:	
Qty.	1 ST	PUR, Halogen: No	
Type	SAIL-M8G-4-3.0U	Version	
Order No.	1906270300	Sensor/actuator line, One end without connector, M8, Number of	
GTIN (EAN)	4032248541638	poles : 4, 3 m, pin, straight, Shielded: No, LED: No, Sheath material:	
Qty.	1 ST	PUR, Halogen: No	
Type	SAIL-M8G-4-5.0U	Version	
Order No.	1906270500	Sensor/actuator line, One end without connector, M8, Number of	
GTIN (EAN)	4032248541645	poles : 4, 5 m, pin, straight, Shielded: No, LED: No, Sheath material:	
Qty.	1 ST	PUR, Halogen: No	
Type	SAIL-M8G-4-10U	Version	
Order No.	1906271000	Sensor/actuator line, One end without connector, M8, Number of	
GTIN (EAN)	4032248664030	poles : 4, 10 m, pin, straight, Shielded: No, LED: No, Sheath material:	
Qty.	1 ST	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	