WIL-LXXXX-RXSS-5700-X190-M12X-X0

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Our L-series, as standard and premium variants, is the ideal surface mounted light for the industrial field. The swiveling mounting brackets allow for easy and direct mounting and positioning of the illumination field. With only one power supply, it is possible to connect several lights in series. Simple connection technology with circular connectors enables plug-and-play. A special safety glass protects against industrial influences and at the same time provides homogeneous illumination in the light color 5.700K.

General ordering data

Order No.	2899210000
Type	WIL-LXXXX-RXSS-5700-X190-M12X-X0
GTIN (EAN)	4064675906247
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	40 mm	Depth (inches)	1.575 inch
Height	42 mm	Height (inches)	1.654 inch
Width	190 mm	Width (inches)	7.48 inch
Net weight	221 g		

Temperatures

Operating temperature	-20 - 45°C

Cable technical specifications

Housing main material	hard anodised aluminium

Connection data

LED Modul is attachable	no	Version	pin, straight
Number of poles	5	Coding	A-coded
Connection thread	M12	Tightening torque	0.8 Nm
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC, Pin 5: NC		

Electric data

Rated voltage	24 V DC	Rated current	137.5 mA
Power	3.3 W	Dimmable	Yes

General technical data

Electronic equipment on rolling stock	No	Type of connection	Pin connector
Light colour (CCT)	5700K, White	Light current	341 lm
Emitting angle	100 °	Illumination level	135 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	220 mm	Protection degree	IP67

Material data

Material of LED cover	PMMA	Housing main material	hard anodised aluminium

Classifications

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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Technical data

Approvals

Approvals	
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E354496

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	b1b97d04-507a-4265-bbfb-4e884ff5d5a9

Downloads

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

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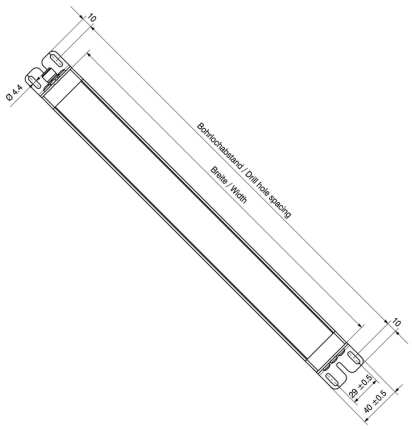
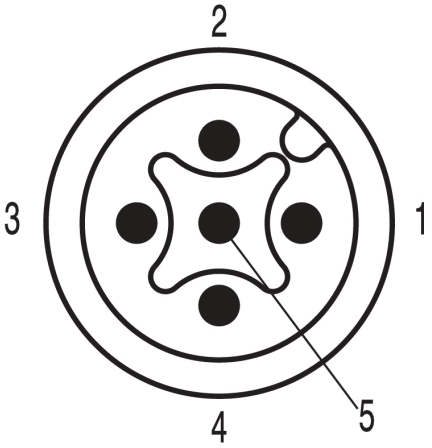
Drawings

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-M12BG-5-10U	Version
Order No.	9457911000	Sensor/actuator line, One end without connector, M12, Number of
GTIN (EAN)	4032248228867	poles : 5, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12BG-5-1.5U	Version
Order No.	9457910150	Sensor/actuator line, One end without connector, M12, Number
GTIN (EAN)	4032248528875	of poles : 5, 1.5 m, Female socket, straight, Shielded: No, LED: No,
Qty.	1 pc(s).	Sheath material: PUR, Halogen: No
Type	SAIL-M12BG-5-5.0U	Version
Order No.	9457910500	Sensor/actuator line, One end without connector, M12, Number of
GTIN (EAN)	4032248228850	poles : 5, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12BG-5-3.0U	Version
Order No.	9457910300	Sensor/actuator line, One end without connector, M12, Number of
GTIN (EAN)	4032248228843	poles : 5, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

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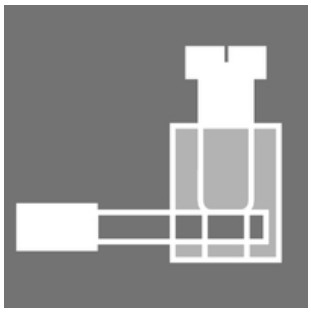
Accessories

Screw terminal connector



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 socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.
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-5A-4/6-M12	Version
Order No.	9457250000	Field attachable connector, M12
GTIN (EAN)	4032248155774	
Qty.	1 pc(s).	

PUR halogen-free black (U)

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General ordering data

Type	SAIL-M12GM12G-5-2.0U	Version
Order No.	9457340200	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311285	5, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-1.0U	Version
Order No.	9457340100	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4032248832583	5, 1 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-3.0U	Version
Order No.	9457340300	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311896	5, 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No