

**WIL-LRGBW-RHPS-XXXX-X190SX-M12X-X0****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">2899560000</a>         |
| Type       | WIL-LRGBW-RHPS-XXXX-X190SX-M12X-X0 |
| GTIN (EAN) | 4064675906612                      |
| 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 | 238 g  |                 |            |

**Temperatures**

|                       |            |
|-----------------------|------------|
| Operating temperature | -20 - 45°C |
|-----------------------|------------|

**Connection data**

|                         |               |                   |  |
|-------------------------|---------------|-------------------|--|
| Version                 | pin, straight | Connection thread | M12  |
| Number of poles         | 5             | Coding            | A-coded  |
| LED Modul is attachable | no            | Wiring            | Pin 1 - 4: control multicolor LED, Pin 5: GND(-) |

**Electric data**

|               |         |       |        |
|---------------|---------|-------|--------|
| Rated voltage | 24 V DC | Power | 10.2 W |
|---------------|---------|-------|--------|

**General technical data**

|                                       |                         |                    |               |
|---------------------------------------|-------------------------|--------------------|---------------|
| Electronic equipment on rolling stock | No                      | Type of connection | Pin connector |
| Light colour (CCT)                    | Red, Green, Blue, White | Emitting angle     | 100 °         |
| Illumination level                    | 98 lux                  | Operating life     | 60.000 h      |
| Type of mounting                      | Screw mounting          | Drill hole spacing | 220 mm        |
| Protection degree                     | IP67                    |                    |               |

**Material data**

|                       |                         |                       |     |
|-----------------------|-------------------------|-----------------------|-----|
| Housing main material | hard anodised aluminium | Material of LED cover | ESG |
|-----------------------|-------------------------|-----------------------|-----|

**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                                 | b1b97d04-507a-4265-bbfb-4e884ff5d5a9 |
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |

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Approvals



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

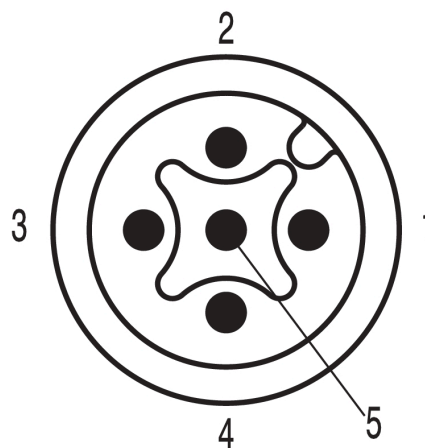
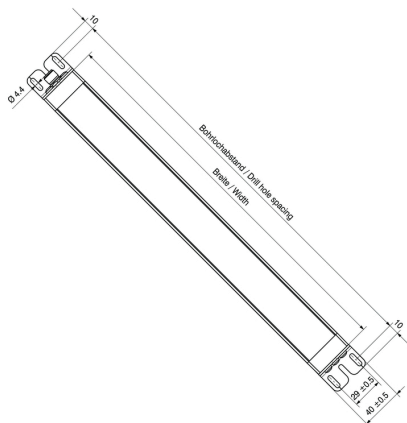
**Downloads**

|                    |  |
|--------------------|--|
| Engineering Data   | <a href="#">CAD data – STEP</a>  |
| User Documentation | <a href="#">AINST-WIL-LRGBW GUIDE</a><br><a href="#">WIL-L Demontage</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                                 |

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## Drawings

## Pole scheme



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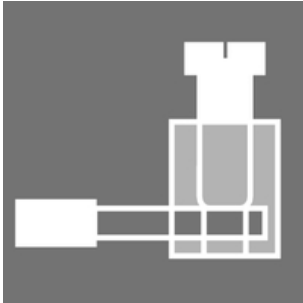
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## Accessories

### 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       | SAIB-5/7                   | Version  |
| Order No.  | <a href="#">9457250000</a> | Field attachable connector, M12, Female socket, straight |
| GTIN (EAN) | 4032248155774              |  |
| Qty.       | 1 pc(s).                   |  |

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

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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| Type       | SAIL-M12BG-5-10U           | Version   |
| Order No.  | <a href="#">9457911000</a> | 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  |

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### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SAIL-M12GM12G-5-3.0U       | Version   |
| Order No.  | <a href="#">9457340300</a> | 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  |
| Type       | SAIL-M12GM12G-5-1.0U       | Version   |
| Order No.  | <a href="#">9457340100</a> | 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-5-2.0U       | Version   |
| Order No.  | <a href="#">9457340200</a> | 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  |