

**WIL-BM-SK-M12-3.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Motion detector for the WIL-LED luminaire with screw connection, 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

**General ordering data**

|            |                                    |
|------------|------------------------------------|
| Order No.  | 2537700000                         |
| Type       | <a href="#">WIL-BM-SK-M12-3.0U</a> |
| GTIN (EAN) | 4050118549140                      |
| Qty.       | 1 items                            |

## WIL-BM-SK-M12-3.0U

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS

Conform

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 44 mm | Depth (inches)  | 1.7323 inch |
| Height     | 33 mm | Height (inches) | 1.2992 inch |
| Width      | 76 mm | Width (inches)  | 2.9921 inch |
| Net weight | 100 g |                 |             |

## Temperatures

Operating temperature -20 - 60°C

## Environmental Product Compliance

|                        |                                      |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant                            |
| REACH SVHC             | Lead 7439-92-1                       |
| SCIP                   | 82a8bf14-9104-4ca4-ab0c-226d976fdcac |

## Cable technical specifications

|                |     |                    |                      |
|----------------|-----|--------------------|----------------------|
| Cable Material | PUR | Sheathing colour   | black                |
| Cable length   | 3 m | Core cross-section | 0.34 mm <sup>2</sup> |

## Connection data

|                   |        |                   |                                   |
|-------------------|--------|-------------------|-----------------------------------|
| Coding            | A      | Connection thread | M12                               |
| Tightening torque | 0.8 Nm | Wiring            | PIN 4: + (black), PIN 3: - (blue) |

## Electric data

|               |         |               |         |
|---------------|---------|---------------|---------|
| Rated voltage | 24 V DC | Rated current | < 6.0 A |
|---------------|---------|---------------|---------|

## General technical data

|                        |              |     |  |
|------------------------|--------------|-----|--|
| Protection degree      | IP20         |     |  |
| Dwell time, min.       | 1 min        |     |  |
| Dwell time, max.       | 10 min       |     |  |
| Detection range        | min.         | 0 m |  |
|                        | max.         | 8 m |  |
|                        | Configurable | No  |  |
| Detection area (angle) | 120 °        |     |  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002955    | ETIM 9.0    | EC002955    |
| ETIM 10.0   | EC002955    | ECLASS 14.0 | 27-11-06-92 |
| ECLASS 15.0 | 27-11-06-92 |             |             |

## WIL-BM-SK-M12-3.0U

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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.

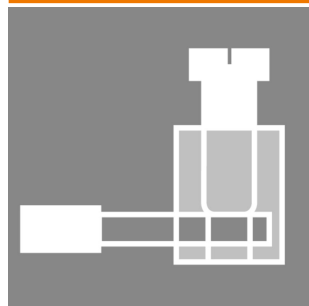
The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | SAIP-M12BG-3-3.0U          | Version  |
| Order No.  | <a href="#">1108730300</a> | Sensor/actuator line, One end without connector, M12, Number of        |
| GTIN (EAN) | 4032248888481              | poles : 3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath |
| Qty.       | 1 ST                       | material: PUR, Halogen: No   |
| Type       | SAIL-M12BG-3-3.0U          | Version  |
| Order No.  | <a href="#">9457820300</a> | Sensor/actuator line, One end without connector, M12, Number of        |
| GTIN (EAN) | 4032248228195              | poles : 3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath |
| Qty.       | 1 ST                       | material: PUR, Halogen: No   |

## 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-4A-4/6-M12        | Version                         |
| Order No.  | <a href="#">9457240000</a> | Field attachable connector, M12 |
| GTIN (EAN) | 4008190312275              |                                 |
| Qty.       | 1 ST                       |                                 |

## WIL-BM-SK-M12-3.0U

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

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

|            |                            |                                 |
|------------|----------------------------|---------------------------------|
| Type       | SAISGS-P-4A-4/6-M12        | Version                         |
| Order No.  | <a href="#">9457550000</a> | Field attachable connector, M12 |
| GTIN (EAN) | 4032248167647              |                                 |
| Qty.       | 1 ST                       |                                 |