

WIL-BM-SK-M12-3.0U

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

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 | WIL-BM-SK-M12-3.0U |
| GTIN (EAN) | 4050118549140 |
| Qty. | 1 pc(s). |

WIL-BM-SK-M12-3.0U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Depth | 44 mm | Depth (inches) | 1.732 inch |
| Height | 33 mm | Height (inches) | 1.299 inch |
| Width | 76 mm | Width (inches) | 2.992 inch |
| Net weight | 100 g | | |

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -20 - 60°C |
|-----------------------|------------|

Cable technical specifications

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

Connection data

| | | | |
|-------------------|--------|--------|-----------------------------------|
| Connection thread | M12 | Coding | A-coded |
| 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 6.0 | EC002955 | ETIM 7.0 | EC002955 |
| ETIM 8.0 | EC002955 | ETIM 9.0 | EC002955 |
| ECLASS 11.0 | 27-11-06-92 | ECLASS 12.0 | 27-11-06-92 |
| ECLASS 13.0 | 27-11-06-92 | | |

Environmental Product Compliance

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

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Creation date June 1, 2024 7:39:58 PM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

Data sheet

WIL-BM-SK-M12-3.0U

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

www.weidmueller.com

Technical data

Downloads

Catalogues

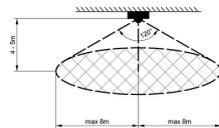
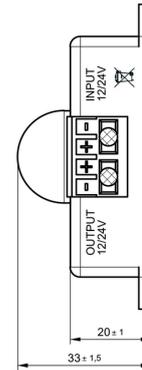
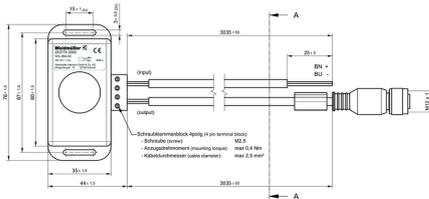
[Catalogues in PDF-format](#)

WIL-BM-SK-M12-3.0U

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

www.weidmueller.com

Drawings



WIL-BM-SK-M12-3.0U

Weidmüller Interface GmbH & 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. | 1108730300 | 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 pc(s). | material: PUR, Halogen: No | |

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-3-3.0U | Version | |
| Order No. | 9457820300 | 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 pc(s). | material: PUR, Halogen: No | |

WIL-BM-SK-M12-3.0U

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

www.weidmueller.com

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 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 | SAIS-4/7 | Version |
| Order No. | 9457550000 | Field attachable connector, M12, pin, straight |
| GTIN (EAN) | 4032248167647 | |
| Qty. | 1 pc(s). | |
| Type | SAIB-4/7 | Version |
| Order No. | 9457240000 | Field attachable connector, M12, Female socket, straight |
| GTIN (EAN) | 4008190312275 | |
| Qty. | 1 pc(s). | |