Weidmüller ⅀Ξ

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 connec-
tion 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).

Creation date July 15, 2025 4:43:40 AM CEST

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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 mm²

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 6.0	EC002955	ETIM 7.0	EC002955
ETIM 8.0	EC002955	ETIM 9.0	EC002955
ETIM 10.0	EC002955	ECLASS 11.0	27-11-06-92
ECLASS 12.0	27-11-06-92	ECLASS 13.0	27-11-06-92
ECLASS 14.0	27-11-06-92	ECLASS 15.0	27-11-06-92

Approvals

Approvals

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Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

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Technical data

Environmental Product Compliance

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

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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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.

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)

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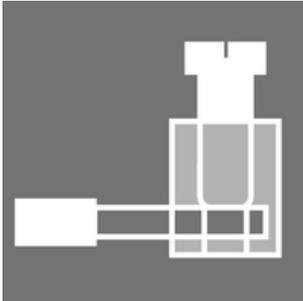
General ordering data

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

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-4A-4/6-M12	Version	
Order No.	9457240000	Field attachable connector, M12	
GTIN (EAN)	4008190312275		
Qty.	1 pc(s).		
Type	SAISGS-P-4A-4/6-M12	Version	
Order No.	9457550000	Field attachable connector, M12	
GTIN (EAN)	4032248167647		
Qty.	1 pc(s).		

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