

WIL-240-RGBW-M12G-0.3U-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The WIL-LED lights Family: Only 8mm (9.4mm with magnet), high LED lamp for 24V DC with very high luminous efficacy and high lifespan (greater 60 000h). Very robust construction, by full potting and metal housing - waterproof (IP67).

With the WIL RGBW either each color (red, green, yellow, white) can be controlled individually or PWM modules can be used to create a mixed color. It should be noted that the total current must not be higher than 1A.

General ordering data

Type	WIL-240-RGBW-M12G-0.3U-S
Order No.	2635090000
GTIN (EAN)	4050118652130
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	240	Width (inches)	9.449 inch
Height	8 mm	Height (inches)	0.315 inch
Depth	40 mm	Depth (inches)	1.575 inch
Net weight	200 g		

Temperatures

Operating temperature	-
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Housing main material	hard anodised aluminium	Cable length	0.3 m
Core cross-section	0.34 mm ²		

Connection data

Version	pin, straight	Coding	A
Connection thread	M12	Tightening torque	0.8 Nm
Wiring	Pin 1 (Strand: brown) control red LED, Pin 2 (Strand: white) control green LED, Pin 3 (Strand: blue), Pin 4 (Strand: black) control blue LED, Pin 5 (Strand: grey) control white LED		

Electric data

Rated voltage (text)	24 V DC	Rated current	0,36 A
Power	8,5 W	Dimmable	Yes

General technical data

Number of LEDs	42	Light colour (CCT)	Blue, White, Red, Green
Emitting angle	40 °	Operating life	60.000 h
Type of mounting	Screw mounting	Drill hole spacing	225 mm
Impact resistance	IK05	Protection degree	IP67

Material data

Housing main material	hard anodised aluminium	Encapsulation compound	PUR V0
Threaded ring material	PA	Material of end caps	Diecast zinc, nickel-plated

Classifications

ETIM 6.0	EC001959	ETIM 7.0	EC001959
eClass 9.0	27-11-06-40	eClass 9.1	27-11-06-40
eClass 10.0	27-11-06-40		

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Catalogue status 01.05.2020 / We reserve the right to make technical changes.

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Engineering Data

[STEP](#)

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Accessories**Motion sensor screw connection with cable**

Motion detector for the WIL-LED luminaire in the Jackpac® housing With 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

Type	WIL-BM-SK-M12-3.0U
Order No.	2537700000
GTIN (EAN)	4050118549140
Qty.	1 pc(s).

Door switch

The WIL door switch is pre-assembled with an M12 cable and an access line. This allows for a simple Plug and Produce feature with our WIL LED lamp series.

General ordering data

Type	WIL-TS-M12
Order No.	2537730000
GTIN (EAN)	4050118549188
Qty.	1 pc(s).

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Accessories**Magnet**

Magnet for WIL lights with 240mm total length, self-adhesive

**General ordering data**

Type	WIL-MAGNET
Order No.	2526810000
GTIN (EAN)	4050118537871
Qty.	1 pc(s).

Swivelling holder

Swivel bracket for WIL lights Very high quality version without detent

**General ordering data**

Type	WIL-SCHWENKHALTER
Order No.	2614220000
GTIN (EAN)	4050118651249
Qty.	1 pc(s).

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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-3-3.0U	Version	
Order No.	9457820300	Sensor/actuator line, One end without connector, M12, Number of poles :	3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248228195		
Qty.	1 pc(s).		

Motion sensor Jackpac®



Motion detector for the WIL-LED luminaire in the Jackpac® housing With 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

Type	WIL-BM-JP-M12-3.0U
Order No.	2537710000
GTIN (EAN)	4050118549164
Qty.	1 pc(s).

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Accessories
PUR halogen-free black (U)


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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.

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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	

Motion sensor screw connection


Motion detector for the WIL-LED luminaire with screw connection. Switching time adjustable.

General ordering data

Type	WIL-BM-SK
Order No.	2537720000
GTIN (EAN)	4050118549157
Qty.	1 pc(s).