

WIL-240-WW27-M12G-0.3U-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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www.weidmueller.com



The WIL family: Only 8mm 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). Due to its 2700K light color suitable for the various applications. Very easy to connect thanks to the M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

General ordering data

| | |
|------------|----------------------------|
| Type | WIL-240-WW27-M12G-0.3U-S |
| Order No. | 2633830000 |
| GTIN (EAN) | 4050118648959 |
| 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 | 225 g | | |

Temperatures

| | |
|-----------------------|---|
| Operating temperature | - |
|-----------------------|---|

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

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 4 (Strand: black) control white LED, Pin 3 (Strand: blue) | | |

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) | 2700K, Warm white |
| Light current | 600 lm | Emitting angle | 40 ° |
| Illumination level | 210 lux | 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 |

Standards

| | |
|-------------------------|---------|
| Certificate no. (cULus) | E354496 |
|-------------------------|---------|

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 | | |

Creation date 06 May 2020 10:13:47 CEST

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). |

WIL power supply

Power supply IP65 for WIL standard family 85V-264V AC input, 24V DC output 400mA

**General ordering data**

| | |
|------------|----------------------------|
| Type | WIL-NT-STANDARD |
| Order No. | 2598350000 |
| GTIN (EAN) | 4050118611168 |
| Qty. | 1 pc(s). |

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Accessories

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). |

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). | |

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Accessories
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). |

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 |

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Accessories**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). |