

SAIL-ZW-M12BG-3-3.0V

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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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-ZW-M12BG-3-3.0V |
| Order No. | 1171890300 |
| Version | Sensor/actuator line, Connecting line, M12 / M12, No. of poles: 3, 3 m, Twin cabling, pin, straight, 2x socket, straight, shielded: No, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4050118275650 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 300 g |
|------------|-------|

Technical specifications for cable

| | | | |
|-------------------------------------|--------------------|-------------------------------------|----------------------|
| No. of poles shielded | 3 | Core cross-section | 0.34 mm ² |
| Colour coding | No | Insulation | PVC |
| Sheathing colour | Brown, Blue, Black | Sheath material | PVC |
| Cable length | Black | Outer diameter | 4.9 ± 0.2 mm |
| Temperature range, moving, min. | 3 m | Temperature range, moving, min. | -5 °C |
| Temperature range, moving, max. | 80 °C | Temperature range, stationary, min. | -30 °C |
| Temperature range, stationary, max. | 80 °C | Halogen | Yes |
| Suitable for cable carriers | No | Torsion resistance | 0 °/m |
| Resistant to welding beads | No | | |

General technical data

| | | | |
|-----------------------|--|------------------------------|---|
| Version | Twin cabling, pin, straight, 2x socket, straight | Contact tube diameter | M12 / M12 |
| Housing main material | PUR | Threaded ring material | Brass, nickel-plated |
| Coding | A | Protection degree | IP 65, IP 66, IP 67, IP 68, (when screwed in) |
| Contact surface | Gold-plated | LED | No |
| Rated voltage | 250 V | Rated current | 4 A |
| Insulation resistance | 10 ⁸ Ω | Temperature range of housing | -25...+85 °C |
| Tightening torque | M12: 0.8 - 1.2 Nm | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Plugging cycles jumpered | No |

Classifications

| | |
|------------|-------------|
| eClass 6.2 | 27-27-92-18 |
|------------|-------------|

Approvals

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

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Drawings