

SAIP-M12BG-5-3.0V

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

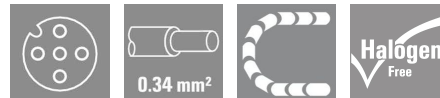
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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be 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.

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-5-3.0V |
| Order No. | 1465970300 |
| Version | Sensor/actuator line, One end without connector, M12, No. of poles: 3, 3 m, Female socket, straight, shielded: No, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4050118274738 |
| 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, White, Blue, Black, Grey | Sheath material | PVC |
| Cable length | Black | Outer diameter | 5.7 ± 0.2 mm |
| Temperature range, moving, max. | 3 m | Temperature range, moving, min. | -5 °C |
| Temperature range, stationary, max. | 80 °C | Temperature range, stationary, min. | -30 °C |
| Suitable for cable carriers | 80 °C | Halogen | Yes |
| Resistant to welding beads | No | Torsion resistance | 0 °/m |

General technical data

| | | | |
|-----------------------|-------------------------|------------------------------|---|
| Version | Female socket, straight | Contact tube diameter | 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 | 125 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 | 27-06-91-90 |
|------------|-------------|

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Drawings