

## SAIP-M8BW-3-3.0V

**Weidmüller Interface GmbH & Co. KG**

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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-M8BW-3-3.0V  |
| Order No.  | <a href="#">1465890300</a>  |
| Version    | Sensor/actuator line, One end without connector, M8, No. of poles: 3, 3 m, bush, 90°, shielded: No, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4050118274424   |
| 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<br>No            | Core cross-section                  | 0.25 mm <sup>2</sup> |
| Colour coding                       | Brown, Blue, Black | Insulation                          | PVC                  |
| Sheathing colour                    | Black              | Sheath material                     | PVC                  |
| Cable length                        | 3 m                | Outer diameter                      | 4.5 ± 0.2 mm         |
| Temperature range, moving, max.     | 80 °C              | Temperature range, moving, min.     | -5 °C                |
| Temperature range, stationary, max. | 80 °C              | Temperature range, stationary, min. | -30 °C               |
| Suitable for cable carriers         | No                 | Halogen                             | Yes                  |
| Resistant to welding beads          | No                 | Torsion resistance                  | 0 °/m                |

**General technical data**

|                       |                   |                              |  |
|-----------------------|-------------------|------------------------------|--|
| Version               | bush, 90°         | Contact tube diameter        | M8   |
| Housing main material | PUR               | Threaded ring material       | Brass, nickel-plated                             |
| Coding                | none              | Protection degree            | IP 65, IP 66, IP 67, IP 68,<br>(when screwed in) |
| Contact surface       | Gold-plated       | LED                          | No   |
| Rated voltage         | 60 V              | Rated current                | 4 A  |
| Insulation resistance | 10 <sup>8</sup> Ω | Temperature range of housing | -25...+85 °C                                     |
| Tightening torque     | M8: 0.5 - 0.6 Nm  | Plugging cycles              | ≥ 100  |
| Pollution severity    | 3                 | Plugging cycles jumpered     | No   |

**Classifications**

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

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**Drawings**

