

## SAIL-M8BW-3L-8.0TOV

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

### Product image



### General ordering data

|            |  |
|------------|--|
| Version    | Sensor/actuator line, M8, Number of poles : 3, 8 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2812910800</a>   |
| Type       | SAIL-M8BW-3L-8.0TOV  |
| GTIN (EAN) | 4064675341741  |
| Qty.       | 1 items  |

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## Technical data

## Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UL)  | E307231                    |

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 230 g |
|------------|-------|

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | e8d8af70-4c85-4483-bc8c-9bc5b598e2a9 |

## Technical specifications for cable

|  |                       |                                      |                       |
|--|-----------------------|--------------------------------------|-----------------------|
| Cable length                                   | 8 m                   | Sheathing colour                     | orange                |
| Suitable for cable carriers                    | Yes                   | Core cross-section                   | 0.34 mm <sup>2</sup>  |
| Shielded                                       | No                    | Halogen                              | No                    |
| Bending radius, min., moving                   | 10 x cable diameter   | Bending radius, min., stationary     | 5 x cable diameter    |
| Bending cycles                                 | 12 Mio                | Speed                                | 5 m/s                 |
| Sheath material                                | PUR                   | LABS-free                            | Yes                   |
| Outer cladding in accordance with UL AWM style | 20233 (80 °C / 300 V) | Core in accordance with UL AWM style | 10995 (80 °C / 300 V) |
| Irradiation crosslinked                        | No                    | Welding spark resistance             | Yes                   |
| Colour coding                                  | brown, blue, black    | Torsion resistance                   | 360 °/m               |
| Temperature range, stationary                  | -40...80 °C           | Resistant to welding beads           | Yes                   |
| Temperature range, moving                      | -25...80 °C           | Number of poles                      | 3                     |
| Outside diameter                               | 4.5 mm ± 0.2 mm       |                                      |                       |

## General technical data

|                              |                |                        |  |
|------------------------------|----------------|------------------------|--|
| Coding                       | A-coded        | Connection thread      | M8   |
| Contact surface              | Gold-plated    | LED                    | No   |
| Version                      | Socket, angled | Housing main material  | PUR  |
| Nominal voltage              | 24 V           | Nominal current        | 4 A  |
| AF size                      | 12 mm          | Protection degree      | IP65, IP66, IP67, IP68,<br>when screwed in |
| Pollution severity           | 3              | Threaded ring material | Diecast zinc                               |
| Temperature range of housing | -25...+85 °C   |                        |  |

## Electrical properties

|                 |      |
|-----------------|------|
| Nominal voltage | 24 V |
|-----------------|------|

## General standards

|                      |         |
|----------------------|---------|
| Certificate No. (UL) | E307231 |
|----------------------|---------|

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**Technical data****Plug, left**

|           |   |
|-----------|---|
| Plug left | M8, A-coded, IP68, female contact, angled 90°, Plastic, LED |
|-----------|---|

**Plug, right**

|            |                    |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

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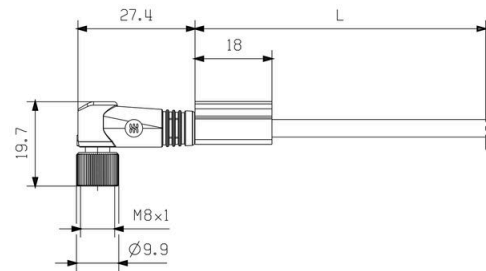
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Drawings

Detailed drawing



Dimensioned drawing



Pole scheme



Wiring diagram



### The ideal tool: Screwty® with torque function

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Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F