

**SAIL-M8BG-3-10TOV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|            |                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Sensor/actuator line, M8, Number of poles : 3, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2812881000</a>                                                                                                             |
| Type       | SAIL-M8BG-3-10TOV                                                                                                                      |
| GTIN (EAN) | 4064675341598                                                                                                                          |
| Qty.       | 1 pc(s).                                                                                                                               |

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**Technical data****Dimensions and weights**

|            |       |
|------------|-------|
| Net weight | 270 g |
|------------|-------|

**Technical specifications for cable**

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

**General technical data**

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

**Electrical properties**

|               |      |
|---------------|------|
| Rated voltage | 24 V |
|---------------|------|

**General standards**

|                         |         |
|-------------------------|---------|
| Certificate no. (cULus) | E307231 |
|-------------------------|---------|

**Plug, left**

|           |                                                      |
|-----------|------------------------------------------------------|
| Plug left | M8, A-coded, IP68, female contact, straight, Plastic |
|-----------|------------------------------------------------------|

**Plug, right**

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

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 9.0  | 27-06-03-11 |
| ECLASS 9.1  | 27-06-03-11 | ECLASS 10.0 | 27-06-03-11 |
| ECLASS 11.0 | 27-06-03-11 | ECLASS 12.0 | 27-06-03-11 |
| ECLASS 13.0 | 27-06-03-11 | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

Creation date April 22, 2025 10:49:50 PM CEST

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

**Approvals**

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate no. (cULus) | E307231                                                                                                                                                                                                                                                                                                                                                 |

**Downloads**

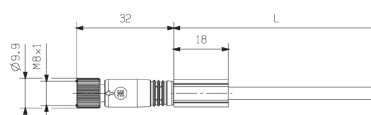
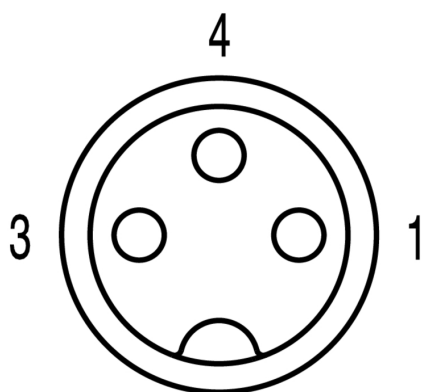
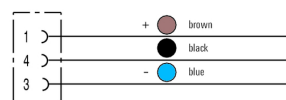
|            |                                          |
|------------|------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|------------------------------------------|

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Detailed drawing****Dimensioned drawing****Pole scheme****Wiring diagram**

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## Drawings

### The ideal tool: Screwty<sup>®</sup> with torque function



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