

SAIL-M12WM12W-3-10V

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

| | |
|------------|---|
| Version | Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 3, 10 m, pin, 90° - socket 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1925381000 |
| Type | SAIL-M12WM12W-3-10V |
| GTIN (EAN) | 4032248569687 |
| Qty. | 1 pc(s). |

Creation date March 26, 2021 8:38:57 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

SAIL-M12WM12W-3-10V

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

www.weidmueller.com

Technical data

Dimensions and weights

Net weight 275 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

| | | |
|--|----------------------|--------|
| Cable length | 10 m | |
| Colour coding | brown, blue, black | |
| Configurable cable length | No | |
| Core cross-section | 0.34 mm ² | |
| Halogen | Yes | |
| Housing main material | PUR | |
| Insulation | PVC | |
| Number of poles | 3 | |
| Number of poles | 3 | |
| Outer cladding in accordance with UL AWM style | 2464 (80 °C / 300 V) | |
| Outer diameter | 4.9 ± 0.2 mm | |
| Outside diameter | 4.9 mm ± 0.2 mm | |
| Outside diameter | Diameter | 4.9 mm |
| | Signs | ± |
| | Tolerance | 0.2 mm |
| Resistant to welding beads | No | |
| Sheath material | PVC | |
| Sheathing colour | black | |
| Shielded | No | |
| Suitable for cable carriers | No | |
| Temperature range, moving | -5...80 °C | |
| Temperature range, moving, max. | 80 °C | |
| Temperature range, moving, min. | -5 °C | |
| Temperature range, stationary | -30...80 °C | |
| Temperature range, stationary, max. | 80 °C | |
| Temperature range, stationary, min. | -30 °C | |
| Torsion resistance | 0 °/m | |

General technical data

| | | | |
|------------------------------|-------------------|------------------------|---|
| AF size | 12 mm | Coding | A |
| Connection thread | M12 / M12 | Contact surface | Gold-plated |
| Housing main material | PUR | Insulation strength | 10 ³ Ω |
| LED | No | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Protection degree | IP65, IP66, IP67, IP68, when screwed in |
| Rated current | 4 A | Rated voltage | 250 V |
| Temperature range of housing | -25...+80 °C | Threaded ring material | Diecast zinc |
| Tightening torque | M12: 0.8 - 1.2 Nm | Version | pin, 90°; - socket 90° |
| jumpered | No | | |

SAIL-M12WM12W-3-10V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001855 | ETIM 7.0 | 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 |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E307231 |

Downloads

| | |
|-----------------------------|---|
| Engineering Data | EPLAN, WSCAD |
| Product Change Notification | DE - Technische Änderung zu M12 Gewinding mit 6-Kant EN - Technical change to M12 nut with additional hexagonal mounting |

SAIL-M12WM12W-3-10V

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

www.weidmueller.com

Drawings

Dimensioned drawing

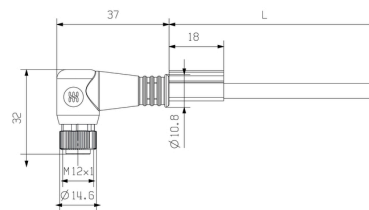


Male, angled

Pole scheme



Dimensioned drawing



Angled socket

Pole scheme



Wiring diagram



The ideal tool: Screwty® 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