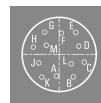


**SAIL-M16BW-12-1.5U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Is there something you have not managed to find or you feel needs explanation? Talk to us!

**General ordering data**

|                 |                                                                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version         | Sensor/actuator line, One end without connector, M16, Number of poles: 12, 1.5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes |
| Order No.       | <a href="#">1259010150</a>                                                                                                                                  |
| Type            | SAIL-M16BW-12-1.5U                                                                                                                                          |
| GTIN (EAN)      | 4050118146769                                                                                                                                               |
| Qty.            | 1 items                                                                                                                                                     |
| Delivery status | This article will no longer be available in the future.                                                                                                     |
| Available until | 2026-03-31T00:00:00+02:00                                                                                                                                   |

## SAIL-M16BW-12-1.5U

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 153 g

## Environmental Product Compliance

RoHS Compliance Status Compliant  
 REACH SVHC Lead 7439-92-1  
 SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Technical specifications for cable

|                                  |                                                                                            |                              |                      |
|----------------------------------|--------------------------------------------------------------------------------------------|------------------------------|----------------------|
| Cable length                     | 1.5 m                                                                                      | Sheathing colour             | black                |
| Suitable for cable carriers      | No                                                                                         | Core cross-section           | 0.25 mm <sup>2</sup> |
| Shielded                         | No                                                                                         | Halogen                      | Yes                  |
| Insulation                       | PVC                                                                                        | Bending radius, min., moving | 15 x cable diameter  |
| Bending radius, min., stationary | 8 x cable diameter                                                                         | Sheath material              | PUR                  |
| Irradiation crosslinked          | No                                                                                         | Welding spark resistance     | No                   |
| Colour coding                    | white, brown, green, yellow, grey, pink, blue, red, black, violet, grey / pink, red / blue | Torsion resistance           | 0 °/m                |
| Temperature range, stationary    | -25...70 °C                                                                                | Resistant to welding beads   | No                   |
| Temperature range, moving        | -5...70 °C                                                                                 | Number of poles              | 12                   |
| Outside diameter                 | 7 mm ± 0.2 mm                                                                              |                              |                      |

## General technical data

|                        |                      |                              |                |
|------------------------|----------------------|------------------------------|----------------|
| Connection thread      | M16                  | Contact surface              | Gold-plated    |
| LED                    | No                   | Version                      | Socket, angled |
| Housing main material  | PUR                  | Insulation resistance        | 1012 Ω         |
| Nominal voltage        | 60 V                 | Nominal current              | 3 A            |
| Protection degree      | IP67                 | Plugging cycles              | ≥ 500          |
| Pollution severity     | 1                    | jumpered                     | No             |
| Threaded ring material | Brass, nickel-plated | Temperature range of housing | -25 ... +70 °C |
| Tightening torque      | M16: 0.6 Nm          |                              |                |

## Electrical properties

Insulation resistance 1012 Ω Nominal voltage 60 V

## Plug, left

Plug left M16, IP67, female contact, angled 90°, Plastic, unshielded

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Plug, right**

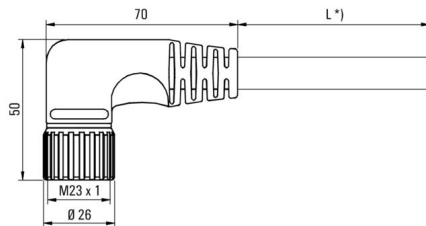
|            |                    |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

**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 |             |             |

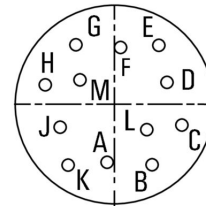
## Drawings

### Dimensioned drawing



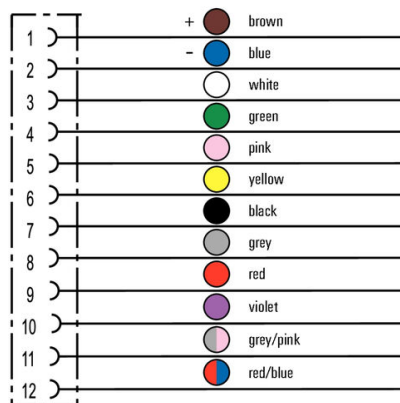
Angled socket

### Pole scheme



Socket

### 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

