

## SAIL-M16BW-12-5.0U

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, 5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	<a href="#">1259010500</a>
Type	SAIL-M16BW-12-5.0U
GTIN (EAN)	4050118146745
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-12-5.0U

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 314.16 g

## Environmental Product Compliance

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

## Technical specifications for cable

Cable length	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

## SAIL-M16BW-12-5.0U

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

[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		

**SAIL-M16BW-12-5.0U**

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

**Drawings**

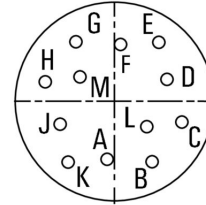
www.weidmueller.com

**Dimensioned drawing**



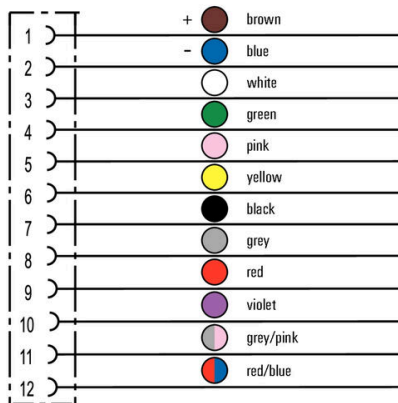
Angled socket

**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

