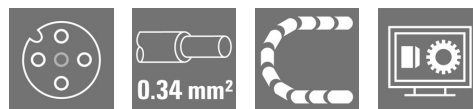


# SAIL-M12BW-4-7.5UN

## M12 female angled, 4-pole, PUR



### Overview

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.

### General Ordering Data

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 4, 7.5 m. Socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1022750750
Type	SAIL-M12BW-4-7.5UN
Qty	1 pc(s)

## SAIL-M12BW-4-7.5UN

### M12 female angled, 4-pole, PUR

#### Technical Data

Technical specifications for cable	
Acceleration	5 m/s <sup>2</sup>
Bending cycles	12 Mio
Bending cycles at torsion	> 5 Mio.
Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter
Cable length	7.5 m
Configurable cable length	No
Color coding	brown, black, blue, white
Core cross-section	0.34 mm <sup>2</sup>
Halogen	No
Insulation	PP
LABS-free	Yes
Number of poles	4
Outside diameter	5 mm ± 0.2 mm
Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2
Resistant to welding beads	No
Sheath material	PUR
Sheathing color	black
Shielded	No
Suitable for cable carriers	Yes
Temperature range, moving	-25...80 °C
Temperature range, stationary	-50...80 °C
Welding spark resistance	No

Electrical properties	
Insulation strength	10 <sup>8</sup> Ω
Rated voltage	250 V

General standards	
Certificate no. (cURus)	E307231
Connector standard	IEC 61076-2-101

General technical data	
Coding	A
Connection thread	M12
Contact surface	CuSn / CuAu
Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω
LED	No
Plugging cycles	≥ 100
Pollution severity	3
Protection degree	IP65, IP66, IP67, IP68, when screwed in, IP69
Rated current	4 A
Rated voltage	250 V
Shock and vibration proof	according to Section B
Temperature range of housing	-40 ... +90 °C
Tightening torque	M12: 0.8 - 1.2 Nm
Threaded ring material	CuZn / Ni
Version	Socket, straight
Jumpered	No

#### Approvals



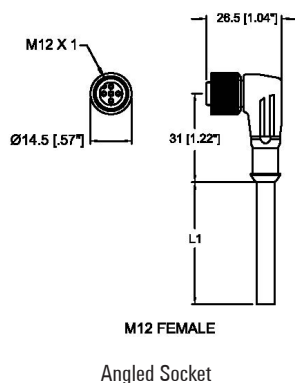
UL File Number Search E307231

## SAIL-M12BW-4-7.5UN

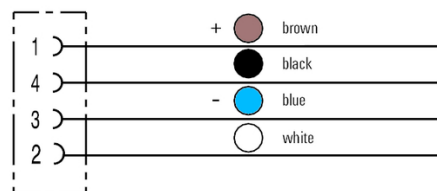
### M12 female angled, 4-pole, PUR

## Drawings

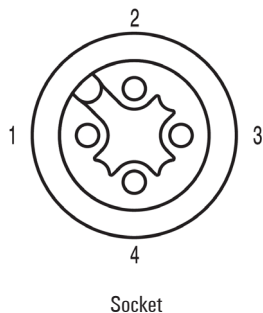
### Dimension Drawing



### Wiring Diagram



### Pole Scheme



### 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

Weidmuller, Ltd  
10 Spy Court  
Markham, Ontario L3R 5H6  
Telephone: (800) 268-4080  
Email: [orders\\_can@weidmueller.com](mailto:orders_can@weidmueller.com)  
Website: [www.weidmuller.ca](http://www.weidmuller.ca)

Weidmuller, SA de CV  
Blvd. Hermanos Serdán 698,  
Col. San Rafael Oriente  
Puebla, Puebla, Mexico C.P. 72029  
Telephone: 01 222 2686267  
Email: [clientes@weidmueller.com](mailto:clientes@weidmueller.com)  
Website: [www.weidmuller.com.mx](http://www.weidmuller.com.mx)

Weidmuller, Inc  
821 Southlake Blvd.  
Richmond, Virginia 23236  
Telephone: (800) 849-9343  
Email: [info@weidmuller.com](mailto:info@weidmuller.com)  
Website: [www.weidmuller.com](http://www.weidmuller.com)

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