

**SAIL-M12WM12W-S3-5.0P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

Version	Power cable, Connecting line, M12 / M12, Number of poles : 3 (2 + PE), 5 m, pin, 90&deg; - socket 90&deg;, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2050150500</a>
Type	SAIL-M12WM12W-S3-5.0P
GTIN (EAN)	4050118441413
Qty.	1 pc(s).

Creation date June 2, 2024 2:09:25 AM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

**SAIL-M12WM12W-S3-5.0P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Net weight	300 g
------------	-------

**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	5 m	Colour coding	blue, brown, Green/yellow
Configurable cable length	No	Core cross-section	1.5 mm <sup>2</sup>
Halogen	No	Insulation	PP
Irradiation crosslinked	No	Number of poles	3 (2 + PE)
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Outside diameter	8.5 mm ± 0.3 mm
PE function	Yes	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	black
Shielded	No	Speed	5 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-40...80 °C
Temperature range, stationary	-50...80 °C	Welding spark resistance	No

**General technical data**

AF size	13 mm	Coding	S-coded
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>8</sup> Ω
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	12 A	Rated voltage	600 V
Temperature range of housing	-40 ... +85 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, 90&deg; - socket 90&deg;		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	600 V
---------------------	-------------------	---------------	-------

**General standards**

Certificate no. (cULus)	E310075	Connector standard	IEC 61076-2-111
-------------------------	---------	--------------------	-----------------

**Standards**

Connector standard	IEC 61076-2-111
--------------------	-----------------

**Plug, left**

Plug left	M12, S-coded, IP67, male contact, angled 90°, Plastic, unshielded
-----------	---

**Plug, right**

Plug right	M12, S-coded, IP67, female contact, angled 90°, Plastic, unshielded
------------	---

**SAIL-M12WM12W-S3-5.0P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E310075

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

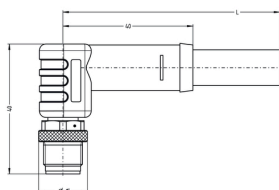
## SAIL-M12WM12W-S3-5.0P

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

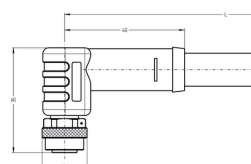
[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

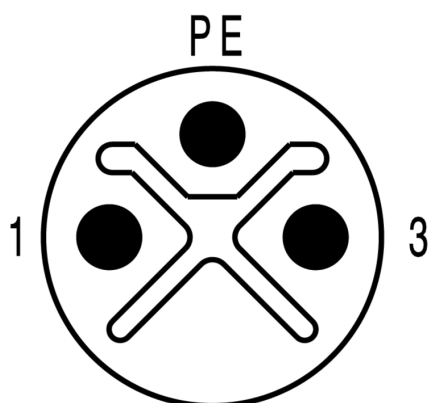
## Dimensioned drawing



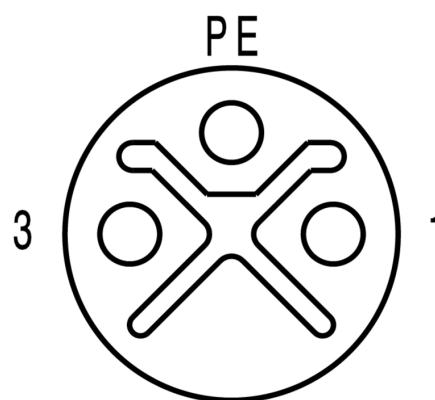
## Dimensioned drawing



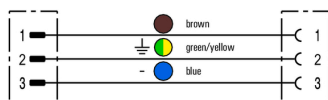
## Pole scheme



## Pole scheme



## Wiring diagram



## The ideal tool: Screwty® with torque function

