

**SAIBWZ-M-4A-6/8-M12**

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

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



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

**General ordering data**

Version	Field attachable connector, M12
Order No.	<a href="#">1344740000</a>
Type	SAIBWZ-M-4A-6/8-M12
GTIN (EAN)	4050118146912
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	69 g
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## Technical data customisable plug-in connectors

Cable diameter, max.	8 mm
Coding	A-coded
Conductor cross-section, min.	0.14 mm <sup>2</sup>
Gender of contact	Female
Insulation strength	10 <sup>8</sup> Ω
Plugging cycles	≥ 100
Protection degree	IP67
Rated voltage	250 V
Temperature range of housing	-40 ... +85 °C
Type of connection	Tension-clamp connection

Cable diameter, min.	6 mm
Conductor cross-section, max.	0.5 mm <sup>2</sup>
Contact surface	Gold-plated
Housing main material	PA
Number of poles	4
Pollution severity	3
Rated current	4 A
Shield connection	Yes
Threaded ring material	Diecast zinc

## General Info

Number of poles	4
Connection 2	Tension-clamp
Connection thread	M12
Protection degree	IP67

Connection 1	M12
Housing main material	PA
Contact surface	Gold-plated
Plugging cycles	≥ 100

## Classifications

ETIM 6.0	EC002635
ETIM 8.0	EC002635
ETIM 10.0	EC002635
ECLASS 9.1	27-44-01-03
ECLASS 11.0	27-44-01-02
ECLASS 13.0	27-44-01-02
ECLASS 15.0	27-44-01-16

ETIM 7.0	EC002635
ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02
ECLASS 10.0	27-44-01-02
ECLASS 12.0	27-44-01-16
ECLASS 14.0	27-44-01-16

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
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RoHS Exemption (if applicable/known)	6c
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REACH SVHC	Lead 7439-92-1 Imidazolidine-2-thione 96-45-7
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SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a
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## Approvals

Approvals	
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Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
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ROHS	Conform
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**Technical data****Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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**Drawings****Pole scheme**