

**SAIBW-4/9(KV)****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

**General ordering data**

Version	Field attachable connector, M12, Socket, angled
Order No.	<a href="#">1481140000</a>
Type	SAIBW-4/9(KV)
GTIN (EAN)	4050118289688
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	18 g
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## Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Coding	A-coded	Conductor cross-section, max.	0.75 mm <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Contact surface	CuSnZn
Housing main material	PA	Insulation strength	10 <sup>8</sup> Ω
Number of poles	4	Plugging cycles	≥ 50
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	250 V
Shield connection	No	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Plastic	Type of connection	Screw connection

## General Info

Number of poles	4	Connection 1	M12
Connection 2	Screw	Housing main material	PA
Connection thread	M12	Contact surface	CuSnZn
Protection degree	IP67	Plugging cycles	≥ 50

## Standards

Connector standard	IEC 61076-2-101
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## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02
ECLASS 14.0	27-44-01-16		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Imidazolidine-2-thione 96-45-7
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

## Approvals

Approvals



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

