

**SAIBP-M-4D-4/8-M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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.

**General ordering data**

Version	Field attachable connector, M12, Female socket, straight
Order No.	<a href="#">2681700000</a>
Type	SAIBP-M-4D-4/8-M12
GTIN (EAN)	4050118759877
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	43 g
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## Technical data customisable plug-in connectors

Cable diameter	4...8 mm	Cable diameter, max.	8 mm
Cable diameter, min.	4 mm	Category	Cat.5 (ISO/IEC 11801)
Coding	D-coded	Conductor cross-section, max.	0.75 mm <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Connection cross-section, max.	0.75 mm <sup>2</sup>
Connection cross-section, min.	0.14 mm <sup>2</sup>	Contact surface	Ni/Au
Housing main material	PA 66	Insulation strength	≥ 100 MΩ
Number of poles	4	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	PUSH IN		

## General Info

Number of poles	4	Connection 1	M12
Connection 2	PUSH IN	Housing main material	PA 66
Category	Cat.5 (ISO/IEC 11801)	Connection thread	M12
Contact surface	Ni/Au	Protection degree	IP67

## Electrical properties

Insulation strength	≥ 100 MΩ	Rated voltage	60 V
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## General standards

Certificate no. (cULus)	E307231
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## Standards

Fire safety for railway vehicles	DIN EN 45545-2	Shock and vibration proof according to	EN 50155:2001
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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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

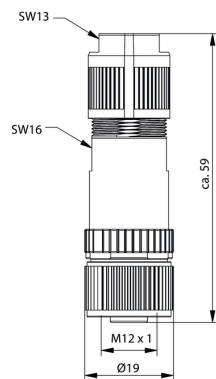
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# Drawings

## Drawing



## Pole scheme

