

**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
Order No.	<a href="#">2681700000</a>
Type	SAIBP-M-4D-4/8-M12
GTIN (EAN)	4050118759877
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

## Dimensions and weights

Diameter	19 mm	Net weight	43 g
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## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Technical data customisable plug-in connectors

Number of poles	4	Coding	D-coded
Contact surface	Ni/Au	LED	No
Type of connection	PUSH IN	Housing main material	PA 66
Insulation resistance	≥ 100 MΩ	Cable diameter, max.	8 mm
Cable diameter, min.	4 mm	Category	Cat.5 (ISO/IEC 11801)
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	Gender of contact	Female
Shield connection	Yes	Threaded ring material	Diecast zinc

## General Info

Number of poles	4	Connection 1	M12
Connection 2	PUSH IN	Wiring	4-core, PROFINET
UL 94 flammability rating	V-0	Housing main material	PA 66
Category	Cat.5 (ISO/IEC 11801)	Connection thread	M12
Contact surface	Ni/Au	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	0.75 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.08 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	0.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	0.75 mm <sup>2</sup>	Protection degree	IP67
Plugging cycles	≥ 100		

## Electrical properties

Insulation resistance	≥ 100 MΩ	Nominal voltage	60 V
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## General standards

Certificate no. (cULus)	E307231
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**Technical data****Standards**

Fire safety for railway vehicles	DIN EN 45545-2	Shock and vibration proof according to	EN 50155:2001, DIN EN 61373
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**Classifications**

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

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**Drawings**

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**Drawing**



**Pole scheme**

