

**SAIBWP-M-5B-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="#">2681670000</a>
Type	SAIBWP-M-5B-4/8-M12
GTIN (EAN)	4050118759846
Qty.	1 items

## SAIBWP-M-5B-4/8-M12

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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	38.72 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	5	Coding	B-coded
Contact surface	Ni/Au	LED	No
Type of connection	PUSH IN	Housing main material	PA 66
Insulation resistance	$\geq 100 \text{ M}\Omega$	Cable diameter, max.	8 mm
Cable diameter, min.	4 mm	Conductor cross-section, max.	$0.75 \text{ mm}^2$
Conductor cross-section, min.	$0.14 \text{ mm}^2$	Nominal voltage	60 V
Nominal current	4 A	Protection degree	IP67
Plugging cycles	$\geq 100$	Pollution severity	3
Gender of contact	Female	Shield connection	Yes
Threaded ring material	Diecast zinc	Temperature range of housing	-40 ... +85 °C

## General Info

Number of poles	5	Connection 1	M12
Connection 2	PUSH IN	UL 94 flammability rating	V-0
Housing main material	PA 66	Connection thread	M12
Contact surface	Ni/Au	Wire connection cross section, finely stranded, min.	$0.14 \text{ mm}^2$
Wire connection cross section, finely stranded, max.	$0.75 \text{ mm}^2$	Protection degree	IP67
Plugging cycles	$\geq 100$		

## 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 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	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
ECLASS 15.0	27-44-01-16		

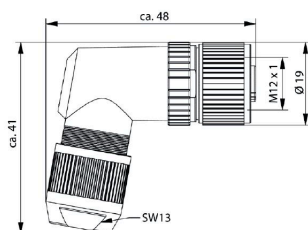
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## Drawings

### Drawing



### Pole scheme

