

SAIBP-M-5B-4/8-M12

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

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.	2681660000
Type	SAIBP-M-5B-4/8-M12
GTIN (EAN)	4050118759839
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
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	5	Coding	B-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	Conductor cross-section, max.	0.75 mm ²
Conductor cross-section, min.	0.14 mm ²	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	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 mm ²
Wire connection cross section, finely stranded, max.	0.75 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.08 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	0.5 mm ²	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, max.	0.75 mm ²	Protection degree	IP67
Plugging cycles	≥ 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 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16

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ECLASS 15.0

27-44-01-16

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Drawings

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Drawing



Pole scheme

