Data sheet

SAIBWZ-M-5A-6/8-M12

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

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.
Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

General ordering data

Version	Field attachable connector, M12
Order No.	2590900000
Type	SAIBWZ-M-5A-6/8-M12
GTIN (EAN)	4050118609097
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Diameter	20 mm	Net weight	42.24 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7
SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a

Technical data customisable plug-in connectors

Number of poles	5	Coding	A-coded
Contact surface	Gold-plated	LED	No
Type of connection	Tension-clamp connection	Housing main material	zinc diecast nickel-plated
Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Conductor cross-section, max.	0.5 mm²	Conductor cross-section, min.	0.14 mm²
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	Tension-clamp	UL 94 flammability rating	None
Housing main material	zinc diecast nickel-plated	Connection thread	M12
Contact surface	Gold-plated	Wire cross-section, solid, max. (AWG)	AWG 20
Wire connection cross section, finely stranded, min.	0.14 mm²	Wire connection cross-section, finely stranded, max.	0.5 mm²
Wire cross-section, solid, min.	0.14 mm²	Wire cross-section, solid, max.	0.5 mm²
Protection degree	IP67	Plugging cycles	≥ 100

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

Pole scheme

