Data sheet

SAIBWS-M-4A-6/8-M12

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
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.
The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Version	Field attachable connector, M12
Order No.	1803910000
Type	SAIBWS-M-4A-6/8-M12
GTIN (EAN)	4032248260225
Qty.	1 items

Data sheet

SAIBWS-M-4A-6/8-M12

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

www.weidmueller.com

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

Dimensions and weights

Diameter	20.2 mm	Net weight	66.33 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	4	Coding	A-coded
Contact surface	Gold-plated	LED	No
Type of connection	Screw connection	Housing main material	zinc diecast nickel-plated
Insulation resistance	108 Ω	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Conductor cross-section, max.	0.75 mm²
Conductor cross-section, min.	0.14 mm²	Nominal voltage	250 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	4	Connection 1	M12
Connection 2	Screw	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 18
Wire connection cross section, finely stranded, min.	0.14 mm²	Wire connection cross-section, finely stranded, max.	0.75 mm²
Wire cross-section, solid, min.	0.14 mm²	Wire cross-section, solid, max.	0.75 mm²
Protection degree	IP67	Plugging cycles	≥ 100

Standards

Connector standard	IEC 61076-2-101

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		

SAIBWS-M-4A-6/8-M12

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

www.weidmueller.com

Drawings

Pole scheme

