SAIBW-M16-8/9S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

www.weidmueller.com

Similar to illustration



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 sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M16 round plug-in connectors can transmit large amounts of power and have set the standard in the market for many years.
The solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

General ordering data

Version	Field attachable connector, M16, Socket, angled
Order No.	1361730000
Type	SAIBW-M16-8/9S
GTIN (EAN)	4050118164220
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	80 g

Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	none
Conductor cross-section, max.	0.75 mm²	Conductor cross-section, min.	0.14 mm²
Connection cross-section, max.	0.75 mm²	Connection cross-section, min.	0.14 mm²
Contact material	CuSn	Contact surface	Ag (silver)
Housing main material	CuZn	Insulation strength	10^8 Ω
Number of poles	8	Plugging cycles	≥ 500
Pollution severity	3	Protection degree	IP67
Rated current	5 A	Rated current	7 A (2-pole) / 6 A (4- and 5-pole) / 5 A (6-, 7- and 8-pole) / 3 A (12- and 16-pole)
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 ° C	Threaded ring material	Diecast zinc
Type of connection	Solder connection		

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	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	27440102

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Imidazolidine-2-thione 96-45-7
SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a

Approvals

Approvals	CE
ROHS	Conform

Downloads

Catalogues	Catalogues in PDF-format