

SAIBW-M16-8/9S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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	Plugs prefabricated to customer spec., 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
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7
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Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Cable glands	PG 9
Coding	none	Conductor cross-section, max.	0.75 mm ²
Conductor cross-section, min.	0.14 mm ²	Connection cross-section, max.	0.75 mm ²
Connection cross-section, min.	0.14 mm ²	Contact surface	Ag (silver)
Housing main material	PA	Insulation strength	10 ⁸ Ω
Number of poles	8	Plugging cycles	≥ 500
Pollution severity	3	Protection degree	IP40
Rated current	5 A	Rated current	7 A (2-pole) / 6 A (4- and 5-pole) / 5 A (6-, 7- and 8-pole)
Rated voltage	60 V	Rated voltage (text)	250 V (2-, 4-, 5- and 6-pole) / 125 V (7-pole) / 60 V (8-pole)
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Solder connection

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	Catalogues in PDF-format
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