

SAIS-M16-8/9

Weidmüller Interface GmbH & Co. KG
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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 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, pin, straight
Order No.	1304430000
Type	SAIS-M16-8/9
GTIN (EAN)	4050118103564
Qty.	1 pc(s)

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Technical data

Dimensions and weights

Net weight	30 g
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Environmental Product Compliance

REACH SVHC	SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4
Lead 7439-92-1		

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 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) / 3 A (12- and 16-pole)	Rated voltage	60 V
Rated voltage	250 V (2-, 4-, 5- and 6-pole) / 125 V (7-pole) / 60 V (8- and 12-pole / 30 V (16-pole)	Shield connection	No
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	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

Approvals

Approvals



ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN