

SAIS-M16-12/9**Weidmüller Interface GmbH & Co. KG**

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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
Order No.	1548810000
Type	SAIS-M16-12/9
GTIN (EAN)	4050118355307
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2026-03-31T00:00:00+02:00

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 24.84 g

Environmental Product Compliance

RoHS Compliance Status Compliant
 REACH SVHC Lead 7439-92-1
 SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical data customisable plug-in connectors

Number of poles	12	Coding	none
Contact surface	Ag (silver)	Connection cross-section	0,14...0,75mm ² (2-, 4-, 5-, 6-, 7- und 8-poles) / 0,14...0,25mm ² (12- und 16-poles)
Type of connection	Solder connection	Housing main material	PA
Insulation resistance	108 Ω	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Conductor cross-section, max.	0.75 mm ²
Conductor cross-section, min.	0.14 mm ²	Nominal voltage	60 V
Nominal current	3 A	Protection degree	IP40
Plugging cycles	≥ 500	Pollution severity	3
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)	Gender of contact	Male
Shield connection	No	Threaded ring material	Diecast zinc
Temperature range of housing	-40 ... +85 ° C	Connection cross-section, max.	0.25 mm ²
Connection cross-section, min.	0.14 mm ²		

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		