Data sheet

SAIBW-M16-12/9

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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
Order No.	1548860000
Type	SAIBW-M16-12/9
GTIN (EAN)	4050118355345
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2026-03-31T00:00:00+02:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	20 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a

Technical data customisable plug-in connectors

Number of poles	12	Coding	none
Contact surface	Ag (silver)	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 mm²	Conductor cross-section, min.	0.14 mm²
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	Female	Shield connection	No
Threaded ring material	Diecast zinc	Temperature range of housing	-40 … +85 ° C
Connection cross-section, max.	0.25 mm²	Connection cross-section, min.	0.14 mm²

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		