

## **SAIB-M16-8/9**



Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold 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.	<u>1304450000</u>	
Туре	SAIB-M16-8/9	
GTIN (EAN)	4050118103373	
Qty.	1 items	

Catalogue status / Drawings



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# **Technical data**

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Approvals



ROHS Conform

### **Dimensions and weights**

Net weight 29.04 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	8	Coding	none
Contact surface	Ag (silver)	Connection cross-section	0,140,75mm² (2-, 4-, 5-, 6-, 7- und 8-poles) / 0,140,25mm² (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 <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Nominal voltage	60 V
Nominal current	5 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 mm <sup>2</sup>
Connection cross-section, min.	0.14 mm²		

### Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	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	27-44-01-02	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Catalogue status / Drawings