

SAIS-M16-5/9**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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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.	1117990000
Type	SAIS-M16-5/9
GTIN (EAN)	4032248898954
Qty.	1 items

Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Net weight

30 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

5

Contact surface

Ag (silver)

Coding

none

Connection cross-section

0,14...0,75mm² (2-, 4-, 5-, 6-, 7- und 8-poles) / 0,14...0,25mm² (12- und 16-poles)

Type of connection

Solder connection

Insulation resistance

108 Ω

Cable diameter, min.

6 mm

Conductor cross-section, min.

0,14 mm²

Nominal current

6 A

Plugging cycles

≥ 500

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)

Housing main material

PA

Cable diameter, max.

8 mm

Conductor cross-section, max.

0,75 mm²

Nominal voltage

250 V

Protection degree

IP40

Pollution severity

3

Gender of contact

Male

Shield connection

No

Threaded ring material

Diecast zinc

Temperature range of housing

-40 ... +85 °C

Connection cross-section, max.

0,75 mm²

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