

**SAIB-M16-7/9****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.       | <a href="#">1118000000</a>                              |
| Type            | SAIB-M16-7/9  |
| GTIN (EAN)      | 4032248898503   |
| 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

31.51 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

7

Contact surface

Ag (silver)

Coding

none

Connection cross-section

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

Type of connection

Solder connection

Insulation resistance

108 Ω

Cable diameter, min.

6 mm

Conductor cross-section, min.

0.14 mm<sup>2</sup>

Nominal current

5 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 mm<sup>2</sup>

Nominal voltage

125 V

Protection degree

IP40

Pollution severity

3

Gender of contact

Female

Shield connection

No

Threaded ring material

Diecast zinc

Temperature range of housing

-40 ... +85 °C

Connection cross-section, max.

0.75 mm<sup>2</sup>

Connection cross-section, min.

0.14 mm<sup>2</sup>

### 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