Data sheet

# SAIS-M16-5/9

**Weidmüller Interface GmbH & Co. KG**
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. | 1117990000 |
| Type | SAIS-M16-5/9 |
| GTIN (EAN) | 4032248898954 |
| Qty. | 1 items |
| Delivery status | Discontinued |
| Last order date | 2026-05-22T00:00:00+02:00 |

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# 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 | Coding | none |
| Contact surface | Ag (silver) | 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 | 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 | 250 V |
| Nominal current | 6 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. | 0.75 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 | | |