# SAIBW-M16-6/9S

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
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Germany

www.weidmueller.com

## Similar to illustration



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, Socket, angled |
| Order No. | 1361740000 |
| Type | SAIBW-M16-6/9S |
| GTIN (EAN) | 4050118164237 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 74 g |

### Environmental Product Compliance

| | | | |
|---|---|---|---|
| REACH SVHC | Lead 7439-92-1, Imidazolidine-2-thione 96-45-7 | SCIP | bcee35cf-c0f5-43d2-8daf-65ab0d08641a |

### Technical data customisable plug-in connectors

| | | | |
|---|---|---|---|
| Cable diameter | 6...8 mm (PG9) | Cable diameter, max. | 8 mm |
| Cable diameter, min. | 6 mm | Coding | none |
| Conductor cross-section, max. | 0.75 mm² | Conductor cross-section, min. | 0.14 mm² |
| Connection cross-section, max. | 0.75 mm² | Connection cross-section, min. | 0.14 mm² |
| Contact surface | Ag (silver) | Housing main material | CuZn |
| Insulation strength | $10^8$ Ω | Number of poles | 6 |
| Plugging cycles | ≥ 500 | Pollution severity | 3 |
| Protection degree | IP67 | Rated current | 5 A |
| 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) | Rated voltage | 60 V |
| Rated voltage | 250 V (2-, 4-, 5- and 6-pole) / 125 V (7-pole) / 60 V (8- and 12-pole / 30 V (16-pole) | Shield connection | Yes |
| Temperature range of housing | -40 ... +85 ° C | Threaded ring material | Diecast zinc |
| Type of connection | Solder connection | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002635 | ETIM 7.0 | EC002635 |
| ETIM 8.0 | 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 |

### Approvals

| | |
|---|---|
| Approvals | CE |
| ROHS | Conform |

### Downloads

| | |
|---|---|
| Catalogues | Catalogues in PDF-format |