

SAISW-M16-12/9**Weidmüller Interface GmbH & Co. KG**

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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. | 1548850000 |
| Type | SAISW-M16-12/9 |
| GTIN (EAN) | 4050118355321 |
| 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 |
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Dimensions and weights

| | |
|------------|------|
| Net weight | 36 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 | 12 | Coding | none |
| Contact surface | Ag (silver) | 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 ² | Conductor cross-section, min. | 0.14 mm ² |
| Nominal voltage | 60 V | Nominal current | 3 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. | 0.25 mm ² | Connection cross-section, min. | 0.14 mm ² |

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 | | |