

SAIBW-4/7-ZF

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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 socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

General ordering data

| | |
|------------|---|
| Version | Field attachable connector, M12, Socket, angled |
| Order No. | 1967880000 |
| Type | SAIBW-4/7-ZF |
| GTIN (EAN) | 4032248668656 |
| Qty. | 1 Stück |

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Technische Daten

Dimensions and weights

Net weight 25 g

Environmental Product Compliance

| | | | |
|------------|-----------------------------------|------|--|
| REACH SVHC | Imidazolidine-2-thione 96-45-7 | SCIP | a2cb82cf-1eab-43cd- bafb-63d26622fe9e |
|------------|-----------------------------------|------|--|

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|---------------------|--------------------------------|--------------------------------|
| Cable diameter | 4...6 mm | Cable diameter, max. | 6 mm |
| Cable diameter, min. | 4 mm | Coding | A |
| Conductor cross-section, max. | 0.5 mm ² | Conductor cross-section, min. | 0.25 mm ² |
| Connection cross-section, max. | 0.5 mm ² | Connection cross-section, min. | 0.14 mm ² |
| Contact surface | Gold-plated | Housing main material | PA |
| Insulation strength | 10 ⁸ Ω | Number of poles | 4 |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Protection degree | IP67 | Rated current | 4 A |
| Rated voltage | 250 V | Rated voltage | 250 V (4-pole) / 60 V (5-pole) |
| Shield connection | No | Temperature range of housing | -40 ... +85 °C |
| Threaded ring material | Diecast zinc | Type of connection | Tension-clamp connection |

General Info

| | | | |
|-----------------------|-------------|-------------------|---------------|
| Connection 1 | M12 | Connection 2 | Tension-clamp |
| Housing main material | PA | Connection thread | M12 |
| Contact surface | Gold-plated | Protection degree | IP67 |
| Plugging cycles | ≥ 100 | | |

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



ROHS Conform

Downloads

| | |
|--------------------|--|
| Engineering Data | WSCAD |
| User Documentation | Manual |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |