

SAIBGZ-M-4A-6/8-M12**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 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 |
| Order No. | 1784740002 |
| Type | SAIBGZ-M-4A-6/8-M12 |
| GTIN (EAN) | 4032248647965 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 40.48 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c
 REACH SVHC Lead 7439-92-1, Imidazolidine-2-thione 96-45-7
 SCIP bcee35cf-c0f5-43d2-8daf-65ab0d08641a

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|----------------------|--------------------------------|--------------------------|
| Number of poles | 4 | Coding | A-coded |
| Contact surface | Gold-plated | Type of connection | Tension-clamp connection |
| Housing main material | PA | Insulation resistance | 108 Ω |
| Cable diameter, max. | 8 mm | Cable diameter, min. | 6 mm |
| Conductor cross-section, max. | 0.5 mm ² | Conductor cross-section, min. | 0.25 mm ² |
| Nominal voltage | 250 V | Nominal current | 4 A |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Gender of contact | Female |
| Shield connection | Yes | Threaded ring material | Diecast zinc |
| Temperature range of housing | -40 ... +85 °C | Connection cross-section, max. | 0.5 mm ² |
| Connection cross-section, min. | 0.14 mm ² | | |

General Info

| | | | |
|-------------------|---------------|-----------------------|-------------|
| Number of poles | 4 | 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 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 | | |

Pole scheme

