

SAIBGS-M-5A-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.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

| | |
|------------|---------------------------------|
| Version | Field attachable connector, M12 |
| Order No. | 1784750000 |
| Type | SAIBGS-M-5A-6/8-M12 |
| GTIN (EAN) | 4032248 191833 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E307231

Dimensions and weights

Net weight 46.2 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 | 5 | Coding | A-coded |
| Contact surface | Gold-plated | Type of connection | Screw connection |
| Housing main material | CuZn | 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 | 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 | | |

General Info

| | | | |
|-------------------|-------|-----------------------|-------------|
| Number of poles | 5 | Connection 1 | M12 |
| Connection 2 | Screw | Housing main material | CuZn |
| Connection thread | M12 | Contact surface | Gold-plated |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

Standards

Connector standard IEC 61076-2-101

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

