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. | <u>1784750000</u> | | |
| Туре | SAIBGS-M-5A-6/8-M12 | | |
| GTIN (EAN) | 4032248191833 | | |
| Qty. | 1 items | | |

Catalogue status / Drawings



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Technical data

| Aр | pr | ov | als | ; |
|----|----|----|-----|---|
|----|----|----|-----|---|

Approvals (E STUS UK

| ROHS | Conform | |
|-------------------------|-------------------|--|
| UL File Number Search | <u>UL Website</u> | |
| 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 mm² | 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

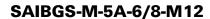
Connector standard IEC 61076-2-101

Classifications

| ETIM 6.0 | EC002635 | ETIM 7.0 | EC002635 |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002635 | ETIM 9.0 | EC002635 |
| ETIM 10.0 | 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 |
| ECLASS 13.0 | 27-44-01-02 | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 | | |

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Catalogue status / Drawings 2





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Drawings

Pole scheme

