

**SAIBGS-P-5A-8/10-M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

|            |                                 |
|------------|---------------------------------|
| Version    | Field attachable connector, M12 |
| Order No.  | <a href="#">1353750000</a>      |
| Type       | SAIBGS-P-5A-8/10-M12            |
| GTIN (EAN) | 4050118156461                   |
| Qty.       | 1 items                         |

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## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E307231                    |

## Dimensions and weights

|          |         |                |             |
|----------|---------|----------------|-------------|
| Width    | 58 mm   | Width (inches) | 2.2835 inch |
| Diameter | 20.2 mm | Net weight     | 28 g        |

## Environmental Product Compliance

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| RoHS Compliance Status               | Compliant with exemption            |
| RoHS Exemption (if applicable/known) | 6c                                  |
| REACH SVHC                           | Lead 7439-92-1                      |
| SCIP                                 | 1c533b66-fcff-4da5-b89f-fd55bf5cb55 |

## Technical data customisable plug-in connectors

|                               |                               |                               |                      |
|-------------------------------|-------------------------------|-------------------------------|----------------------|
| Number of poles               | 5                             | Coding                        | A-coded              |
| Contact surface               | Gold-plated                   | LED                           | No                   |
| Type of connection            | Screw connection              | Housing main material         | PA                   |
| Insulation resistance         | 108 Ω                         | Cable diameter, max.          | 10 mm                |
| Cable diameter, min.          | 8 mm                          | Contact material              | CuZn                 |
| Conductor cross-section, max. | 1.5 mm <sup>2</sup>           | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Nominal voltage               | 60 V                          | Nominal current               | 8 A                  |
| Protection degree             | IP67                          | Plugging cycles               | ≥ 100                |
| Pollution severity            | 3                             | Cable gland                   | PG 11                |
| Rated current                 | Contacts 1-4 8A, contact 5 2A | Gender of contact             | Female               |
| Shield connection             | No                            | 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                                                                   | PA                   |
| Connection thread                                                                       | M12                 | Contact material                                                                        | CuZn                 |
| Contact surface                                                                         | Gold-plated         | Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded, max.                                    | 1.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm <sup>2</sup> | Wire cross-section, solid, min.                                                         | 0.14 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 1.5 mm <sup>2</sup> | Contact holder materials                                                                | PA                   |
| Protection degree                                                                       | IP67                | Plugging cycles                                                                         | ≥ 100                |

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

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### 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**

