

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">2736560000</a>      |
| Type       | SAIBGS-P-8A-8/10-M12            |
| GTIN (EAN) | 4050118827842                   |
| Qty.       | 1 pc(s).                        |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 23 g |
|------------|------|

## Technical data customisable plug-in connectors

|                               |                      |                               |                     |
|-------------------------------|----------------------|-------------------------------|---------------------|
| Cable diameter, max.          | 10 mm                | Cable diameter, min.          | 8 mm                |
| Coding                        | A-coded              | Conductor cross-section, max. | 0.5 mm <sup>2</sup> |
| Conductor cross-section, min. | 0.14 mm <sup>2</sup> | Contact surface               | Gold-plated         |
| Housing main material         | PA                   | Number of poles               | 8                   |
| Plugging cycles               | ≥ 50                 | Pollution severity            | 3                   |
| Protection degree             | IP67                 | Rated current                 | 2 A                 |
| Rated voltage                 | 60 V                 | Shield connection             | No                  |
| Threaded ring material        | Diecast zinc         |                               |                     |

## General Info

|                   |       |                       |             |
|-------------------|-------|-----------------------|-------------|
| Number of poles   | 8     | Connection 1          | M12         |
| Connection 2      | Screw | Housing main material | PA          |
| Connection thread | M12   | Contact surface       | Gold-plated |
| Protection degree | IP67  | Plugging cycles       | ≥ 50        |

## 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 |             |             |

## Environmental Product Compliance

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                             |                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Change Notification | <a href="#">Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder</a><br><a href="#">Technical change to field attachable M8 and M12 connectors</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                              |

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# Drawings

## Pole scheme

