

**SAIBWS-P-5A-6/8-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="#">1807330000</a>      |
| Type       | SAIBWS-P-5A-6/8-M12             |
| GTIN (EAN) | 4032248278558                   |
| 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 26.92 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               | CuSnZn                                 | Type of connection            | Screw connection     |
| Housing main material         | PA                                     | Insulation resistance         | 108 Ω                |
| Cable diameter, max.          | 8 mm                                   | Cable diameter, min.          | 6 mm                 |
| Conductor cross-section, max. | 0.75 mm <sup>2</sup>                   | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Nominal voltage               | 60 V                                   | Nominal current               | 4 A                  |
| Protection degree             | IP67                                   | Plugging cycles               | ≥ 50                 |
| Pollution severity            | 3                                      | Gender of contact             | Female               |
| Contact surface               | CuSnZn (5-pole) / gold plated (8-pole) | 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 surface       | CuSnZn |
| Protection degree | IP67  | Plugging cycles       | ≥ 50   |

## 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 |             |             |

**Drawings**

**Pole scheme**

