

**SAIBGS-P-5K-8/13-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="#">2703500000</a>      |
| Type       | SAIBGS-P-5K-8/13-M12            |
| GTIN (EAN) | 4050118773071                   |
| Qty.       | 1 pc(s).                        |

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## Technical data

## Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 49.01 g |
|------------|---------|

## Technical data customisable plug-in connectors

|                        |              |                                |                     |
|------------------------|--------------|--------------------------------|---------------------|
| Cable diameter, max.   | 13 mm        | Cable diameter, min.           | 8 mm                |
| Coding                 | K-coded      | Connection cross-section, max. | 2.5 mm <sup>2</sup> |
| Contact material       | CuZn         | Contact surface                | Au (Gold)           |
| Gender of contact      | Female       | Housing main material          | PA                  |
| Number of poles        | 5            | Plugging cycles                | ≥ 100               |
| Pollution severity     | 3            | Protection degree              | IP67                |
| Rated current          | 12 A         | Rated voltage                  | 630 V               |
| Shield connection      | No           | Temperature range of housing   | -40 ... +85 °C      |
| Threaded ring material | Diecast zinc | Type of connection             | Screw connection    |

## General Info

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

## 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 |             |             |

## Approvals

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

## Environmental Product Compliance

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

## Downloads

|                             |                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                                                                       |
| 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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Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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# Drawings

