

**SAISGP-P-4A-4/8-P12****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.

**General ordering data**

|            |   |
|------------|---|
| Version    | Field attachable connector, M12 Push-Pull |
| Order No.  | <a href="#">3153290000</a>                |
| Type       | SAISGP-P-4A-4/8-P12                       |
| GTIN (EAN) | 4099987636162                             |
| Qty.       | 1 items                                   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|          |       |                |             |
|----------|-------|----------------|-------------|
| Width    | 62 mm | Width (inches) | 2.4409 inch |
| Diameter | 20 mm | Net weight     | 10 g        |

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Technical data customisable plug-in connectors

|                               |                      |       |  |
|-------------------------------|----------------------|-------|--|
| Number of poles               | 4                    |       |  |
| Coding                        | A-coded              |       |  |
| Contact surface               | Ni/Au                |       |  |
| Type of connection            | PUSH IN              |       |  |
| Housing main material         | PA 66                |       |  |
| Insulation resistance         | ≥ 100 MΩ             |       |  |
| Cable diameter, max.          | 8 mm                 |       |  |
| Cable diameter, min.          | 3 mm                 |       |  |
| Contact material              | CuSn                 |       |  |
| Conductor cross-section, max. | 0.75 mm <sup>2</sup> |       |  |
| Conductor cross-section, min. | 0.14 mm <sup>2</sup> |       |  |
| Nominal current               | 4 A                  |       |  |
| Protection degree             | IP65, IP67           |       |  |
| Plugging cycles               | ≥ 100                |       |  |
| Pollution severity            | 3                    |       |  |
| Gender of contact             | Male                 |       |  |
| Rated voltage                 | Rated voltage        | 250 V |  |
|                               | Voltage type         | AC/DC |  |
| Shield connection             | No                   |       |  |
| Threaded ring material        | Plastic              |       |  |
| Temperature range of housing  | -40 ... +85 °C       |       |  |

### General Info

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| Number of poles   | 4                    | Connection 1  | M12                  |
| Connection 2  | PUSH IN              | UL 94 flammability rating   | V-0                  |
| Housing main material   | PA 66                | Connection thread   | M12 Push-Pull        |
| Contact material  | CuSn                 | Contact surface   | Ni/Au                |
| Wire cross-section, solid, min. (AWG)   | AWG 26               | Wire cross-section, solid, max. (AWG)   | AWG 18               |
| Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 0.75 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.08 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 0.5 mm <sup>2</sup>  |
| Wire cross-section, solid, min.   | 0.14 mm <sup>2</sup> | Wire cross-section, solid, max.   | 0.75 mm <sup>2</sup> |
| Contact holder materials  | PA                   | Shielding   | No                   |
| Protection degree   | IP65, IP67           | Plugging cycles   | ≥ 100                |

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**Technical data****Standards**

|                    |                                     |
|--------------------|-------------------------------------|
| Connector standard | IEC 61076-2-010, IEC<br>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 |             |             |

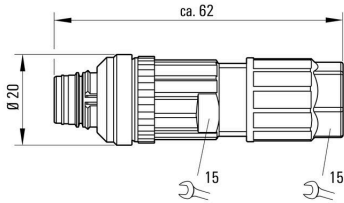
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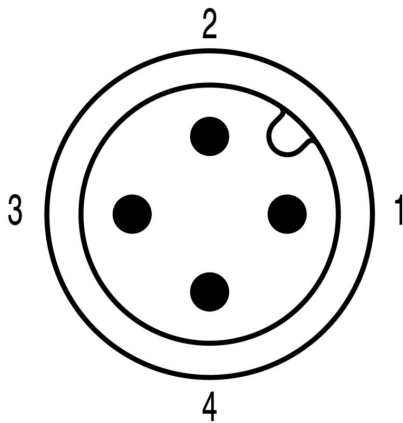
**Drawings**

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

**Dimensioned drawing**



**Pole scheme**



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