

## SAISGZ-V-5A-6/8-M12

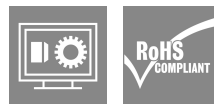
Weidmüller Interface GmbH &amp; Co. KG

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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.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

#### General ordering data

|            |                                 |
|------------|---------------------------------|
| Version    | Field attachable connector, M12 |
| Order No.  | <a href="#">1920700000</a>      |
| Type       | SAISGZ-V-5A-6/8-M12             |
| GTIN (EAN) | 4032248561421                   |
| Qty.       | 1 items                         |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 38.72 g

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption  
 RoHS Exemption (if applicable/known) 6c  
 REACH SVHC Lead 7439-92-1  
 SCIP 0ea6d931-f9e9-40a6-89d9-8d67103189d3

## Technical data customisable plug-in connectors

|                               |                     |                               |                             |
|-------------------------------|---------------------|-------------------------------|-----------------------------|
| Number of poles               | 5                   | Coding                        | A-coded                     |
| Contact surface               | Gold-plated         | Type of connection            | Tension-clamp connection    |
| Housing main material         | 1.4404/316L         | Insulation resistance         | 108 Ω                       |
| Cable diameter, max.          | 8 mm                | Cable diameter, min.          | 6 mm                        |
| Conductor cross-section, max. | 0.5 mm <sup>2</sup> | Conductor cross-section, min. | 0.14 mm <sup>2</sup>        |
| Nominal voltage               | 60 V                | Nominal current               | 4 A                         |
| Protection degree             | IP69K               | Plugging cycles               | ≥ 100                       |
| Pollution severity            | 3                   | Gender of contact             | Male                        |
| Shield connection             | Yes                 | Threaded ring material        | Stainless steel, rust-proof |
| Temperature range of housing  | -40 ... +85 °C      |                               |                             |

## General Info

|                   |               |                       |             |
|-------------------|---------------|-----------------------|-------------|
| Number of poles   | 5             | Connection 1          | M12         |
| Connection 2      | Tension-clamp | Housing main material | 1.4404/316L |
| Connection thread | M12           | Contact surface       | Gold-plated |
| Protection degree | IP69K         | Plugging cycles       | ≥ 100       |

## 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

