

**SAISP-5A-4/8-M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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    | Plugs prefabricated to customer spec., M12, pin, straight |
| Order No.  | <a href="#">2681560000</a>                                |
| Type       | SAISP-5A-4/8-M12                                          |
| GTIN (EAN) | 4050118759730                                             |
| Qty.       | 1 pc(s).                                                  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 19 g |
|------------|------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Technical data customisable plug-in connectors

|                                |                      |                                |                      |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Cable diameter                 | 4...8 mm             | Cable diameter, max.           | 8 mm                 |
| Cable diameter, min.           | 4 mm                 | Coding                         | A                    |
| Conductor cross-section, max.  | 0.75 mm <sup>2</sup> | Conductor cross-section, min.  | 0.14 mm <sup>2</sup> |
| Connection cross-section, max. | 0.75 mm <sup>2</sup> | Connection cross-section, min. | 0.14 mm <sup>2</sup> |
| Contact surface                | Ni/Au                | Housing main material          | PA 66                |
| Insulation strength            | ≥ 100 MΩ             | Number of poles                | 5                    |
| Pollution severity             | 3                    | Protection degree              | IP67                 |
| Rated current                  | 4 A                  | Rated voltage                  | 125 V                |
| Shield connection              | No                   | Temperature range of housing   | -40 ... +85 °C       |
| Threaded ring material         | Diecast zinc         | Type of connection             | PUSH IN              |

## Standards

|                                  |                |                                        |               |
|----------------------------------|----------------|----------------------------------------|---------------|
| Fire safety for railway vehicles | DIN EN 45545-2 | Shock and vibration proof according to | EN 50155:2001 |
|----------------------------------|----------------|----------------------------------------|---------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | 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 |

## Approvals

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

## Downloads

|                    |                                          |
|--------------------|------------------------------------------|
| Engineering Data   | <a href="#">STEP</a>                     |
| Brochure/Catalogue | <a href="#">Catalogues in PDF-format</a> |

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# Drawings

## Drawing

