

**SAISP-M-5B-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    | Field attachable connector, M12 |
| Order No.  | <a href="#">2681640000</a>      |
| Type       | SAISP-M-5B-4/8-M12              |
| GTIN (EAN) | 4050118759815                   |
| Qty.       | 1 items                         |

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## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate no. (cULus) | E307231                    |

## Dimensions and weights

|          |       |            |      |
|----------|-------|------------|------|
| Diameter | 19 mm | Net weight | 34 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               | 5                          | Coding                        | B-coded             |
| Contact surface               | Ni/Au                      | LED                           | No                  |
| Type of connection            | PUSH IN                    | Housing main material         | PA 66               |
| Insulation resistance         | $\geq 100 \text{ M}\Omega$ | Cable diameter, max.          | 8 mm                |
| Cable diameter, min.          | 4 mm                       | Conductor cross-section, max. | $0.75 \text{ mm}^2$ |
| Conductor cross-section, min. | $0.14 \text{ mm}^2$        | Nominal voltage               | 60 V                |
| Nominal current               | 4 A                        | Protection degree             | IP67                |
| Plugging cycles               | $\geq 100$                 | Pollution severity            | 3                   |
| Gender of contact             | Male                       | Shield connection             | Yes                 |
| Threaded ring material        | Diecast zinc               |                               |                     |

## General Info

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Number of poles                                                                         | 5                   | Connection 1                                                                            | M12                 |
| Connection 2                                                                            | PUSH IN             | UL 94 flammability rating                                                               | V-0                 |
| Housing main material                                                                   | PA 66               | Connection thread                                                                       | M12                 |
| Contact surface                                                                         | Ni/Au               | Wire connection cross section, finely stranded, min.                                    | $0.14 \text{ mm}^2$ |
| Wire connection cross section, finely stranded, max.                                    | $0.75 \text{ mm}^2$ | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | $0.08 \text{ mm}^2$ |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | $0.5 \text{ mm}^2$  | Wire cross-section, solid, min.                                                         | $0.14 \text{ mm}^2$ |
| Wire cross-section, solid, max.                                                         | $0.75 \text{ mm}^2$ | Protection degree                                                                       | IP67                |
| Plugging cycles                                                                         | $\geq 100$          |                                                                                         |                     |

## Standards

|                                  |                |                                        |                             |
|----------------------------------|----------------|----------------------------------------|-----------------------------|
| Fire safety for railway vehicles | DIN EN 45545-2 | Shock and vibration proof according to | EN 50155:2001, DIN EN 61373 |
|----------------------------------|----------------|----------------------------------------|-----------------------------|

## Classifications

|           |          |             |             |
|-----------|----------|-------------|-------------|
| ETIM 8.0  | EC002635 | ETIM 9.0    | EC002635    |
| ETIM 10.0 | EC002635 | ECLASS 14.0 | 27-44-01-16 |

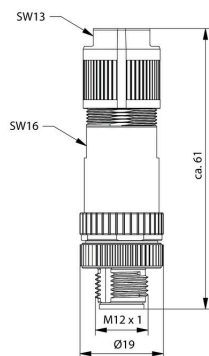
## Technical data

ECLASS 15.0

27-44-01-16

## Drawings

### Drawing



### Pole scheme

