

## SAIBP-M-4A-4/8-M12

**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 |
| Order No.  | <a href="#">2681540000</a>      |
| Type       | SAIBP-M-4A-4/8-M12              |
| GTIN (EAN) | 4050118759716                   |
| 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

|            |      |
|------------|------|
| Net weight | 42 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.          | 4 mm                 |
| Conductor cross-section, max. | 0.75 mm <sup>2</sup> | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Nominal voltage               | 60 V                 | Nominal current               | 4 A                  |
| Protection degree             | IP67                 | Pollution severity            | 3                    |
| Gender of contact             | Female               | Shield connection             | Yes                  |
| Threaded ring material        | Diecast zinc         | Temperature range of housing  | -40 ... +85 °C       |

## General Info

|                   |         |                       |       |
|-------------------|---------|-----------------------|-------|
| Number of poles   | 4       | Connection 1          | M12   |
| Connection 2      | PUSH IN | Housing main material | PA 66 |
| Connection thread | M12     | Contact surface       | Ni/Au |
| Protection degree | IP67    |                       |       |

## 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 |
| ECLASS 15.0 | 27-44-01-16 |             |             |

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**Drawings**

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**Drawing**



**Pole scheme**

