

**IE-PS-VAPM-5P-2.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

PushPull Power plug-in connector according to PROFINET specification

**General ordering data**

|            |                                                    |
|------------|----------------------------------------------------|
| Version    | Power connector, Plug, PROFINET, Set of connectors |
| Order No.  | <a href="#">2465440000</a>                         |
| Type       | IE-PS-VAPM-5P-2.5                                  |
| GTIN (EAN) | 4050118522136                                      |
| Qty.       | 1 pc(s).                                           |

Creation date March 27, 2021 1:07:33 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Height         | 36.2 mm    | Height (inches) | 1.425 inch |
| Length         | 85.4 mm    | Length (inches) | 3.362 inch |
| Net weight     | 96 g       | Width           | 26.8 mm    |
| Width (inches) | 1.055 inch |                 |            |

## Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C...70 °C |
|-----------------------|----------------|

## Environmental Product Compliance

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

## General data

|                                                      |                      |                                                      |                             |
|------------------------------------------------------|----------------------|------------------------------------------------------|-----------------------------|
| Cable sealing material                               | EPDM                 | Colour                                               | Silver grey                 |
| Connection 1                                         | Tension clamp        | Contact material                                     | Copper alloy                |
| Contact surface                                      | Gold over nickel     | Housing main material                                | Zinc diecast, nickel-plated |
| Number of poles                                      | 5                    | Plugging cycles                                      | ≥ 100                       |
| Pollution severity                                   | 2                    | Protection degree                                    | IP65, IP67                  |
| Sealing material                                     | NBR                  | Sheath diameter, max.                                | 13 mm                       |
| Sheath diameter, min.                                | 8 mm                 | Type of interlock                                    | Push Pull                   |
| UL 94 flammability rating                            | V-2                  | Wire connection cross section, finely stranded, max. | 2.5 mm <sup>2</sup>         |
| Wire connection cross section, finely stranded, min. | 0.75 mm <sup>2</sup> |                                                      |                             |

## Electrical properties

|                                    |      |                   |      |
|------------------------------------|------|-------------------|------|
| Current-carrying capacity at 50 °C | 16 A | Operating voltage | 24 V |
|------------------------------------|------|-------------------|------|

## General standards

|                      |        |                    |                                           |
|----------------------|--------|--------------------|-------------------------------------------|
| Certificate No. (UR) | E92202 | Connector standard | in accordance with PROFINET specification |
|----------------------|--------|--------------------|-------------------------------------------|

## Standards

|                    |                                           |
|--------------------|-------------------------------------------|
| Connector standard | in accordance with PROFINET specification |
|--------------------|-------------------------------------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001121    | ETIM 7.0    | EC001121    |
| ECLASS 9.0  | 27-44-03-90 | ECLASS 9.1  | 27-44-03-90 |
| ECLASS 10.0 | 27-44-03-90 | ECLASS 11.0 | 27-44-03-90 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E92202  |

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### Downloads

|                                             |                                                                                                                                                             |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">PROFINET Manufacturer's Declaration</a>                                                                                                         |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                        |
| Product Change Notification                 | <a href="#">20201001 Technische Änderungen zum Push Pull Power Steckverbinder</a><br><a href="#">20201001 Technical change to Push Pull Power connector</a> |
| User Documentation                          | <a href="#">Designation key / Type key</a><br><a href="#">Manual</a>                                                                                        |

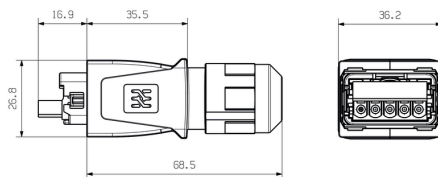
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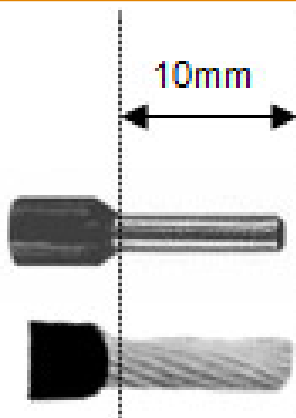
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## Drawings

### Dimensioned drawing



### Drawing



We recommend using 10-mm-long wire-end ferrules