

**IE-PS-V01P-RJ45-FH-BP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Bayonet plug-in connector sets according to IEC  
61076-3-106 ver. 1 (Ethernet/IP), RJ45 plastic insert incl.  
RJ45 insert

**General ordering data**

|            |   |
|------------|---|
| Version    | RJ45 plug, no tools required, Variant 1 metal, with kink prevention, Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| Order No.  | <a href="#">1012570000</a>  |
| Type       | IE-PS-V01P-RJ45-FH-BP   |
| GTIN (EAN) | 4032248720200   |
| Qty.       | 10 pc(s).   |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 46 g |
|------------|------|

## Temperatures

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

## General data

|  |  |                                |  |
|--|--|--------------------------------|--|
| Connection 1                                       | RJ45   | Connection 2                   | IDC  |
| Description of article                             | Variant 1 metal, with kink prevention              | Colour                         | black  |
| Housing main material                              | PA UL 94 V0  | Insulation cross-section, min. | 0.85 mm  |
| Insulation cross-section, max.                     | 1.6 mm   | Category                       | Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| Contact surface                                    | Gold over nickel                                   | Connection diameter, solid     | 0.4...0.64 mm  |
| Conductor connection cross-section, solid (AWG)    | AWG 24...AWG 22                                    | Connection diameter, flexible  | 0.48...0.76 mm   |
| Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22                                    | MICE classification M          | M <sub>3</sub>   |
| MICE classification I                              | I <sub>3</sub>                                     | MICE classification C          | C <sub>1</sub>   |
| MICE classification E                              | E <sub>3</sub>                                     | Sheath diameter, min.          | 5 mm   |
| Sheath diameter, max.                              | 10 mm  | Shielding                      | 360°deg; all-round enclosure                                   |
| Protection degree                                  | IP67   | Plugging cycles                | 750  |
| Ability to reconnect                               | ≥ 10 cycles (for the same or larger cross-section) |                                |  |

## Electrical properties

|  |                |                                       |                |
|--|----------------|---------------------------------------|----------------|
| Dielectric strength, contact / contact | ≥ 1000 V AC/DC | Dielectric strength, contact / shield | ≥ 1500 V AC/DC |
|--|----------------|---------------------------------------|----------------|

## General standards

|   |  |                         |         |
|---|--|-------------------------|---------|
| Application-specific communication cable facilities | PROFINET installation instructions     | Certificate no. (cULus) | E316369 |
| Connector standard                                  | IEC 61076-3-106 Var. 1, IEC 60603-7-51 |                         |         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001121    | ETIM 7.0    | EC001121    |
| ETIM 8.0    | EC001121    | ETIM 9.0    | 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 |
| ECLASS 12.0 | 27-44-03-90 | ECLASS 13.0 | 27-44-03-90 |
| ECLASS 14.0 | 27-44-03-90 |             |             |

## Environmental Product Compliance

|                        |   |
|------------------------|---|
| REACH SVHC             | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 |
| SCIP                   | 11b17e97-f803-4c09-9278-b20f22f15f81                  |
| RoHS Compliance Status | Compliant without exemption                           |

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Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E316369    |

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">ISO/IEC and TIA/EIA DE DUXR.E316369</a>  |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification                 | <a href="#">20210412 Technical change for cap nut V1 and V4</a><br><a href="#">20210412 Technische Änderung zu Hutmutter V1 und V4</a>                     |
| User Documentation                          | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a><br><a href="#">Designation key / Type key</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   | <a href="#">MB FREECONTACT EN</a><br><a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |

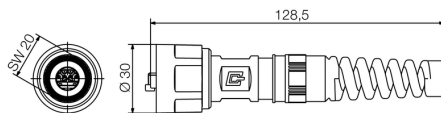
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# Drawings

## Dimensioned drawing



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## Accessories

## Dust caps



For protecting your devices against dust and dirt.

## General ordering data

|            |                            |                             |
|------------|----------------------------|-----------------------------|
| Type       | IE-PP-V01P                 | Version                     |
| Order No.  | <a href="#">1965690000</a> | Plug housing protective cap |
| GTIN (EAN) | 4032248653911              |                             |
| Qty.       | 10 pc(s).                  |                             |

## Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | ESG 9/11 K MC NE WS        | Version  |
| Order No.  | <a href="#">1857440000</a> | ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive |
| GTIN (EAN) | 4032248402731              |  |
| Qty.       | 200 pc(s).                 |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Pressing tool**

When working with live voltages, you must follow special guidelines and use special tools - tools which have been specially produced and tested for this purpose.

Weidmüller offers a complete line of pliers which comply with national and international testing standards.

All pliers are produced and tested according to DIN EN 60900.

The pliers are ergonomically designed to fit to the hand form, and thus feature an improved hand position. The fingers are not pressed together - this results in less fatigue during operation.

**General ordering data**

|            |                            |                |
|------------|----------------------------|----------------|
| Type       | PWZ RJ45                   | Version        |
| Order No.  | <a href="#">1118040000</a> | Pressing tools |
| GTIN (EAN) | 4032248899197              |                |
| Qty.       | 1 pc(s).                   |                |