

IE-PS-V14M-RJ45-FH-P**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

PushPull plug-in connector set according to IEC
61076-3-117 ver.14 (PROFINET), metal incl. RJ45 insert

General ordering data

| | |
|------------|---|
| Version | Plug insert RJ45 tool-free, Variant 14 metal, Cat.5 (ISO/IEC 11801) |
| Order No. | 1012170000 |
| Type | IE-PS-V14M-RJ45-FH-P |
| GTIN (EAN) | 4032248719815 |
| Qty. | 10 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|---------|
| Net weight | 69.77 g |
|------------|---------|

Temperatures

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

General data

| | | | |
|--|--|--|---------------------------|
| Connection 1 | RJ45 | Connection 2 | IDC |
| Description of article | Variant 14 metal | Wiring | PROFINET |
| Colour | black | Housing main material | Zinc diecast |
| Insulation cross-section, min. | 0.85 mm | Insulation cross-section, max. | 1.6 mm |
| Category | Cat.5 (ISO/IEC 11801) | Contact surface | Gold over nickel |
| Connection diameter, solid | 0.4...0.64 mm | Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22 |
| Conductor connection cross-section, solid | 0.13...0.32 mm ² | Connection diameter, flexible | 0.48...0.76 mm |
| Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22 | Wire connection cross section, finely stranded, min. | 0.141 mm ² |
| Conductor connection cross-section, flexible | 0.14...0.35 mm ² | MICE classification M | M ₃ |
| MICE classification I | I ₃ | MICE classification C | C ₁ |
| MICE classification E | E ₃ | Sheath diameter, min. | 5 mm |
| Sheath diameter, max. | 10 mm | Shielding | 360°; 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 61076-3-117 Var. 14, 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 | Lead 7439-92-1 |
| SCIP | 4f3aae94-c2bc-4010-b63b-5b114ba6bd55 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Creation date August 29, 2024 5:38:26 AM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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www.weidmueller.com**Technical data****Approvals**

Approvals



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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 4 connector channel PROFINET Manufacturer's Declaration |
| Engineering Data | CAD data – STEP |
| Product Change Notification | TI_20171120_RJ45PN |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key Manual Manual |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN |

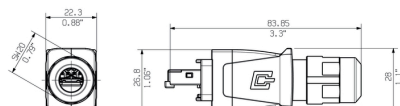
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Drawings

Dimensioned drawing



Printing



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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. | 1118040000 | Pressing tools |
| GTIN (EAN) | 4032248899197 | |
| Qty. | 1 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. | 1857440000 | 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**Accessories****Dust caps**

For protecting your devices against dust and dirt.

General ordering data

| | | |
|------------|----------------------------|-----------------------------|
| Type | IE-PP-V14P | Version |
| Order No. | 1058280000 | Plug housing protective cap |
| GTIN (EAN) | 4032248799374 | |
| Qty. | 10 pc(s). | |