

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
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Temperatures

Operating temperature	-40 °C...70 °C
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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
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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 September 5, 2024 9:14:11 AM CEST

Catalogue status 31.08.2024 / We reserve the right to make technical changes.

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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

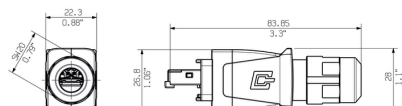
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Drawings

Dimensioned drawing



Printing



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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.	1118040000	Pressing tools
GTIN (EAN)	4032248899197	
Qty.	1 pc(s).	

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).	

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www.weidmueller.com**Accessories****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).	