

## Industrial Ethernet IE-PS-V01M-RJ45-FH

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



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

### General ordering data

Type	IE-PS-V01M-RJ45-FH
Order No.	<a href="#">1963 120000</a>
Version	RJ45 plug, no tools required, Variant 1 metal, Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651627
Qty.	10 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight	111.7 g
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**Temperatures**

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**General data**

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 1 metal	Colour	black
Housing main material	Zinc diecast	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° all-round enclosure
Protection degree	IP67	Plugging cycles	750
Ability to reconnect	≥ 10 cycles (for the same or larger cross-section)		

**General standards**

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-3-106 Var. 1, IEC 60603-7-51
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**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	UNSPSC	30-21-18-10

**Approvals**

Approvals



ROHS	Conform
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**Data sheet****Industrial Ethernet  
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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">GOST Approval</a> <a href="#">DUXR.E316369</a>
Brochure/Catalogue	<a href="#">CAT 9 IETH 18/19 EN</a> <a href="#">MB FREECONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Designation key / Type key</a> <a href="#">Manual</a>

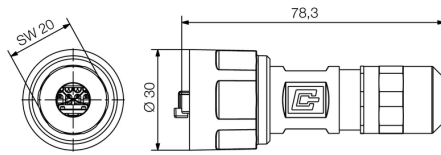
**Data sheet**

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**Drawings**

**Dimensioned drawing**



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**Mating connector (fully pluggable)**

**Sets - RJ45**

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



**General ordering data**

Type	IE-BS-V01M-RJ45-C	Version
Order No.	<a href="#">1963470000</a>	Flange RJ45, IP67, Variant 1 metal, RJ45 / RJ45 coupling, Cat.6 <sub>A</sub> /
GTIN (EAN)	4032248645565	Class E <sub>A</sub> (ISO/IEC 11801 2010)
Qty.	10 pc(s).	
Type	IE-BS-V01M-RJ45-FJ-A	Version
Order No.	<a href="#">1963480000</a>	Flange RJ45, IP67, Variant 1 metal, IDC, EIA/TIA 586 A, Cat.6 <sub>A</sub> /
GTIN (EAN)	4032248645572	Class E <sub>A</sub> (ISO/IEC 11801 2010)
Qty.	10 pc(s).	

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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.	<a href="#">1118040000</a>		Pressing tool for pressing together both housing parts for on-site assembly of the RJ45 plug
GTIN (EAN)	4032248899197		
Qty.	1 pc(s).		

**Dust caps**



For protecting your devices against dust and dirt.

**Dust caps**

**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).		

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**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 the following manufacturers:

- Siemens
- Télémecanique
- ABB
- Beckhoff
- Lumberg
- Tags for all-purpose usage; self-adhesive or clip-on tags, depending on the type

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.

Please note that these markers are not intended for printing with the SpeedMarking laser.

**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).	