

**Industrial Ethernet
IE-PS-V01M-RJ45-TH-BP**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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-TH-BP
Order No.	1963150000
Version	RJ45 crimp plug, Variant 1 metal, with kink prevention, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651658
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Net weight	124.2 g
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Temperatures

Operating temperature	-40 °C...70 °C	Storage temperature	
Installation temperature			

General data

Connection 1	RJ45	Connection 2	Crimp
Description of article	Variant 1 metal, with kink prevention	Housing main material	Zinc diecast
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.05 mm
Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Contact surface	Gold over nickel
Connection diameter, solid	0.36...0.51 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Connection diameter, flexible	0.46...0.61 mm	Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24
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		

Standards

Connector standard	IEC 61076-3-106 Var. 1, IEC 60603-7-51	Certificate no. (cULus)	E316369
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Downloads

Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 4 connector channel	z1755b-07-E.pdf	GOST Approval	POCC DE.ME25.B01411.pdf
UL Approval	DUXR.E316369.pdf		

Classifications

ETIM 3.0	EC001121	ETIM 4.0	EC002641
ETIM 5.0	EC002641	ETIM 6.0	EC001121
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-08
eClass 6.2	27-26-07-08	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	19-17-01-25
eClass 9.1	27-44-09-90		

Product information

Descriptive text accessories	Plug inserts can also be ordered separately. Refer to Inserts.
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Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

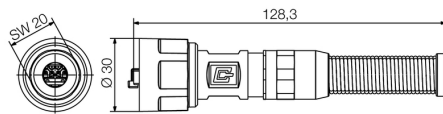
Data sheet

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Drawings

Dimensioned drawing



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Mating connector (fully pluggable)

Sets - RJ45



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
IE-BS-V01M-RJ45-FJ-A	1963480000	Flange RJ45, IP67, Variant 1 metal, tool-free, EIA/TIA 586 A, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	4032248645572	10 pc(s).
IE-BS-V01M-RJ45-C	1963470000	Flange RJ45, IP67, Variant 1 metal, coupling, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	4032248645565	10 pc(s).

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Accessories
Colour coding rings


for identifying your plugs in variants 01 and 04
Features:

- 6 different colours

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-WH	1962990000	Industrial Ethernet, Colour coding, White, color coding ring, white	4032248645176	10 pc(s).
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-BU	1963020000	Industrial Ethernet, Colour coding, Blue, color coding ring, blue	4032248645206	10 pc(s).
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-OG	1963010000	Industrial Ethernet, Colour coding, Orange, color coding ring, orange	4032248645190	10 pc(s).
Discontinued	2013-11-30T00:00:00+01:00	IE-CR-IP67-WS20-GY	1963000000	Industrial Ethernet, Colour coding, Grey, color coding ring, grey	4032248645183	10 pc(s).
Discontinued	2013-12-31T00:00:00+01:00	IE-CR-IP67-WS20-YE	1963030000	Industrial Ethernet, Colour coding, Yellow, color coding ring, yellow	4032248645213	10 pc(s).
Discontinued	2013-12-31T00:00:00+01:00	IE-CR-IP67-WS20-GN	1963040000	Industrial Ethernet, Colour coding, Green, color coding ring, green	4032248645220	10 pc(s).

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Accessories

dust caps



For protecting your devices against dust and dirt.

Dust caps

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
IE-PP-V01P	1965690000	Plug housing protective cap	4032248653911	10 pc(s).

Multicard



for labelling your cables

Features:

- for use in the laser printer
- made from polyester
- abrasion-resistant
- as accessory: pen and printing software

General ordering data

Type	Order No.	Version	GTIN (EAN)
ESG 9/11 K MC NE WS	1857440000	ESG, Device markers x 9 mm, PA 66, Colour: White, Self-adhesive	4032248402731