

## IE-BS-V01M-RJ45-FJ-A

**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 metal insert incl.  
RJ45 insert

### General ordering data

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

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E316369

## Dimensions and weights

Height	32 mm	Height (inches)	1.2598 inch
Width	32 mm	Width (inches)	1.2598 inch
Net weight	61.4 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	c1a8d9e9-fd0c-4258-8c31-7317a7b4ce18

## General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 1 metal, IDC, EIA/TIA 586 A	Wiring	TIA-568A
Seal material	EPDM	Colour	Miscellaneous
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Category	Cat.6A / Class EA (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
Shielding	360°; all-round enclosure	Protection degree	IP67
Plugging cycles	750		

## Electrical properties

Dielectric strength, contact / shield	≥ 1500 V AC/DC	Dielectric strength, contact / contact	≥ 1000 V AC/DC
PoE / PoE+	conforming to IEEE 802.3bt		

## General standards

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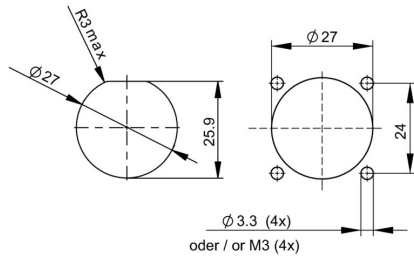
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## Technical data

### Classifications

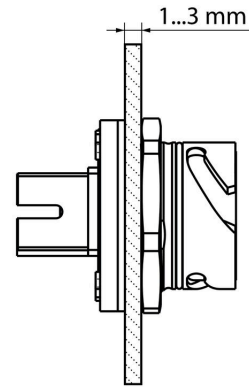
ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	EC001121	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

**Installation cut-out**



Mounting cut-out: 1. With central screw connection / 2. For mounting with four M3 screws

**Detailed drawing**



Wall thickness when using the central screw connection

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## Accessories

### Dust caps



For protecting your devices against dust and dirt.

### General ordering data

Type	IE-BP-V01P	Version	
Order No.	<a href="#">1965700000</a>	Flange-mounted housing, protective cap	
GTIN (EAN)	4032248653928		
Qty.	10 ST		

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## Counterpart

### 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-PS-V01M-RJ45-FH	Version
Order No.	<a href="#">1963120000</a>	RJ45 plug, no tools required, Variant 1 metal, Cat.6A / Class EA (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651627	
Qty.	10 ST	
Type	IE-PS-V01M-RJ45-FH-BP	Version
Order No.	<a href="#">1963130000</a>	RJ45 plug, no tools required, Variant 1 metal, with kink prevention, Cat.6A / Class EA (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651634	
Qty.	10 ST	
Type	IE-PS-V01M-RJ45-TH	Version
Order No.	<a href="#">1963140000</a>	RJ45 crimp plug, Variant 1 metal, Cat.6A / Class EA (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651641	
Qty.	10 ST	
Type	IE-PS-V01M-RJ45-TH-BP	Version
Order No.	<a href="#">1963150000</a>	RJ45 crimp plug, Variant 1 metal, with kink prevention, Cat.6A / Class EA (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651658	
Qty.	10 ST	