

## IE-P

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



RJ45 crimp plug-in connector according to IEC  
60603-7-51 for wire outer diameters up to 1.05 mm

### General ordering data

Version	RJ45 plug-in connector, without kink protection; 5.5 - 7.1 mm, Cat.6A / Class EA (ISO/IEC 11801 2010), IP20
Order No.	<a href="#">8813100000</a>
Type	IE-P
GTIN (EAN)	4032248512850
Qty.	100 items

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## Technical data

## Approvals

ROHS Conform

## Dimensions and weights

Net weight 2.9 g

## Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
Installation temperature			

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## General data

Connection 1	RJ45	Connection 2	Crimp
Description of article	without kink protection; 5.5 - 7.1 mm	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.05 mm	Cable pull-out force, min.	89 N
Category	Cat.6A / Class EA (ISO/ IEC 11801 2010)	Contact material	Phosphorus bronze
Contact surface	Gold-plated	Connection diameter, solid	0.36...0.51 mm
Conductor connection cross-section, solid (AWG)	AWG 27...AWG 24	Connection diameter, flexible	0.46...0.61 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24	MICE classification M	M1
MICE classification I	I1	MICE classification C	C1
MICE classification E	E3	Sheath diameter, min.	5.5 mm
Sheath diameter, max.	7.1 mm	Shielding material	0.5 mm brass, 2 µm nickel
Shielding	360°; all-round enclosure	Protection degree	IP20
Insertion force	20 N	Plugging cycles	750
Material insulator	Polycarbonate PC, UL 94 V-0		

## Electrical properties

Dielectric strength, contact / shield	≥ 1500 V AC/DC	Dielectric strength, contact / contact	≥ 1000 V AC/DC
Insulation resistance	500 MΩ	Current-carrying capacity at 50 °C	1 A
PoE / PoE+	conforming to IEEE 802.3af		

## General standards

Connector standard IEC 60603-7-51

## 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		

## Accessories

### ... for modular plug-in connectors



Crimping tools for modular plug-in connector systems WE and DEC

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- Three functions in one tool

#### General ordering data

Type	TT 8 RS MP 8	Version	
Order No.	<a href="#">9202800000</a>	Pressing tools, Crimping tool for contacts	
GTIN (EAN)	4032248512072		
Qty.	1 ST		

### Dust caps



For protecting your devices against dust and dirt.

#### General ordering data

Type	IE-PP-RJ45	Version	
Order No.	<a href="#">2552580000</a>		
GTIN (EAN)	4050118562583		
Qty.	10 ST		