

IE-P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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.6 _A / Class E _A (ISO/IEC 11801 2010), IP20
Order No.	8813100000
Type	IE-P
GTIN (EAN)	4032248512850
Qty.	100 pc(s).

Creation date March 12, 2024 5:05:59 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

IE-P

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	2.9 g
------------	-------

Temperatures

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

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	M ₁
MICE classification I	I ₁	MICE classification C	C ₁
MICE classification E	E ₃	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

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

General standards

Connector standard	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

Approvals

ROHS	Conform
------	---------

IE-P**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Downloads**

Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

IE-P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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.	920280000	Pressing tools, Crimping tool for contacts
GTIN (EAN)	4032248512072	
Qty.	1 pc(s).	

Dust caps

For protecting your devices against dust and dirt.

General ordering data

Type	IE-PP-RJ45
Order No.	255258000
GTIN (EAN)	4050118562583
Qty.	10 pc(s).