

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

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

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Technical data

Dimensions and weights

Net weight	2.9 g	www.weidmueller.com
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Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
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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.6 _A / Class E _A (ISO/IEC 11801 2010)	Contact material	Phosphorus bronze
Connection diameter, solid	0.36...0.51	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
Material insulator	Polycarbonate PC, UL 94 V-0		

Electrical properties

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

General standards

Connector standard	IEC 60603-7-51
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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	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

Approvals

Approvals



ROHS

Conform

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info@weidmueller.com**Technical data**www.weidmueller.com**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