

**Industrial Ethernet
IE-P**

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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

Type	IE-P
Order No.	8813100000
Version	RJ45 plug, without kink protection; 5.5 - 7.1 mm, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP20
GTIN (EAN)	4032248512850
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Net weight 2.9 g

Temperatures

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

General data

Connection 2	RJ45	Description of article	without kink protection; 5.5 - 7.1 mm
Housing main material	CuZn, nickel-plated	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
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 DC
Dielectric strength, contact / shield	≤ 1500 V DC	Insulation resistance	500.000 Ω
PoE / PoE+	conforming to IEEE 802.3af		

Standards

Connector standard IEC 60603-7-51

Downloads

Installation video STEADYTEC® assembly
instruction RJ45 crimp
connector_EN_HD.mp4

Classifications

ETIM 3.0	EC001264	ETIM 4.0	EC001264
ETIM 5.0	EC001264	ETIM 6.0	EC001121
UNSPSC	43-17-27-10	eClass 5.1	27-25-05-04
eClass 6.2	27-25-05-04	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		

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Product information

Descriptive text accessories See also the "Accessories" chapter.

Approvals

Approvals



ROHS Conform