

IE-P70**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, with kink protection; 6.2 - 7.1 mm, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP20
Order No.	8813120000
Type	IE-P70
GTIN (EAN)	4032248512874
Qty.	10 pc(s).

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Catalogue status 20.05.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	5.2 g
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Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Connection 1	RJ45	Connection 2	Crimp
Description of article	with kink protection; 6.2 - 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)	Bending protection	moulded
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.	6.2 mm
Sheath diameter, max.	7.1 mm	Bending protection sleeve material	PVC, UL 94-V0
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

Contact resistance	≤ 20 mΩ	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

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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
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

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Drawings

Dimensioned drawing

