

Industrial Ethernet IE-PI-RJ45-FH-A-1.1

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RJ45 plug-in connector (no tools required) according to IEC 60603-7-51 for core diameters from 0.85 to 1.6 mm and AWG 22-27.

General ordering data

Type	IE-PI-RJ45-FH-A-1.1
Order No.	1992920000
Version	Substitute wire manager, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), EIA/TIA T568 A
GTIN (EAN)	4050118377965
Qty.	30 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Net weight 4.433 g

Temperatures

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

General data

Wiring	EIA/TIA T568 A	Speed	10 GBit
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.1 mm
Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Contact surface	Gold over nickel
Connection diameter, solid	0.41...0.51 mm	Conductor connection cross-section, solid (AWG)	AWG 26...AWG 24
Connection diameter, flexible	0.46...0.61 mm	Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24
Conductor connection cross-section, extremely flexible	0.51, Approval of the cable by Weidmüller necessary	Conductor connection cross-section, extremely flexible (AWG)	AWG 26, Approval of the cable by Weidmüller necessary
Protection degree	IP20	Ability to reconnect	≤ 4 cycles (with the same cross-section)

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
Insulation strength	> 500 MΩ	PoE / PoE+	conforming to IEEE 802.3at

General standards

Certificate No. (cURus)	E471884	Certificate no. (cULus)	E471884
Connector standard	IEC 60603-7-5 1		

Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
eClass 9.0	27-44-03-90	eClass 9.1	27-44-03-90
eClass 10.0	27-44-03-90		

Approvals

Approvals



ROHS Conform

Data sheet**Industrial Ethernet
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Technical data**Downloads**

Brochure/Catalogue	CAT 9 IETH 18/19 EN MB FREECONCONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
