

IE-PI-RJ45-FH-P-1.6

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

www.weidmueller.com



Similar to illustration

RJ45 plug-in connector (no tools required) according to IEC 60603-7-51.

General ordering data

Version	Substitute wire manager, RJ45, Cat.5 (ISO/IEC 11801), PROFINET
Order No.	1992910000
Type	IE-PI-RJ45-FH-P-1.6
GTIN (EAN)	4050118378047
Qty.	30 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E471884

Dimensions and weights

Net weight	3.44 g
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Temperatures

Storage temperature	Operating temperature	-40 °C...85 °C
Installation temperature		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General data

Wiring	PROFINET	Insulation cross-section, min.	1.1 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.5 (ISO/IEC 11801)
Connection diameter, solid	0.51...0.64 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Connection diameter, flexible	0.46...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 22
Conductor connection cross-section, extremely flexible	0.61...0.78 mm, Approval of the cable by Weidmüller necessary	Conductor connection cross-section, extremely flexible (AWG)	AWG 24...AWG 22, Approval of the cable by Weidmüller necessary
Note, very finely stranded line connection	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	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Current-carrying capacity at 50 °C	1 A
PoE / PoE+	conforming to IEEE 802.3at		

General standards

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

ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	EC001121	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		