

## IE-PI-RJ45-FH-P-1.6

**Weidmüller Interfaces GmbH & Co. KG**

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Similar to illustration

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

### General ordering data

Version	Substitute wire manager, Cat.5 (ISO/IEC 11801), PROFINET
Order No.	<a href="#">1992910000</a>
Type	IE-PI-RJ45-FH-P-1.6
GTIN (EAN)	4050118378047
Qty.	30 pc(s).

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**Technical data**
**Dimensions and weights**

Net weight	4.333 g	www.weidmueller.com
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**Temperatures**

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

**General data**

Wiring	PROFINET	Speed	100 MBit
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	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 802.3at		

**General standards**

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

**Data sheet****IE-PI-RJ45-FH-P-1.6****Weidmüller Interfaces GmbH & Co. KG**

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