

**IE-PI-RJ45-FH-P-1.6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 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
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## Temperatures

Operating temperature	-40 °C...85 °C
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## 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	Current-carrying capacity at 50 °C	1 A
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/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	ETIM 9.0	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	ECLASS 13.0	27-44-03-90

## Approvals

Approvals



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

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# Technical data

## Downloads

Approval/Certificate/Document of Con- formity	<a href="#">PROFINET Manufacturer's Declaration</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB FREECONCONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>