

## IE-PI-RJ45-FH-B-1.1

**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.6A / Class EA (ISO/IEC 11801 2010), EIA/TIA T568 B
Order No.	<a href="#">1992930000</a>
Type	IE-PI-RJ45-FH-B-1.1
GTIN (EAN)	4050118378139
Qty.	30 pc(s).

Creation date March 8, 2023 10:34:40 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight 4.3 g

## Temperatures

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

## General data

Wiring	EIA/TIA T568 B	Speed	10 GBit
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.1 mm
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	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	Note, very finely stranded line connection	Approval of the cable by Weidmüller necessary
Shielding	360° shield contact	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

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**Technical data****Downloads**

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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 FREECONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>

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