Industrial Ethernet
IE-PI-RJ45-FH-A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and junction boxes IE-OM...; IE-OP...; IE-CC...

General ordering data

Type	IE-PI-RJ45-FH-A
Order No.	1132010000
Version	RJ45 insert, Plug insert RJ45, no tools required, TIA-568A
GTIN (EAN)	4032248912001
Qty.	10 pc(s).

Industrial Ethernet
IE-PI-RJ45-FH-A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technische Daten

Dimensions and weights

Net weight	23.8 g

Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature	
Installation temperature			

Downloads

CC-Link certification	CC-Link IE-PI-RJ45-FH.PDF

General data

Category	Cat.6_A / Class E_A (ISO/IEC 11801 2010)	Colour	Miscellaneous
Connection 1	RJ45	Connection 2	IDC
Contact surface	Gold over nickel, Au ≥ 0.8 µm	Description of article	Plug insert RJ45, no tools required
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Insulation cross-section, min.	0.85 mm	Plugging cycles	750
Protection degree	IP 67 with housing	Shielding	360° all-round enclosure
Speed	10 GBit	Wire connection diameter, solid, max.	0.64 mm
Wire connection diameter, solid, min.	0.4 mm	Wire cross-section, finely stranded, max. (AWG)	AWG 22
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 22
Wire cross-section, solid, min. (AWG)	AWG 24	Wiring	TIA-568A

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 resistance	500 MΩ	PoE PoE+	conforming to IEEE 802.3at

Standards

Generic communication cable facilities	ANSI / TIA / EIA-568-B.2-10, DIN EN 61918 Draft 02.2007, EN 50173-1:2007, ISO / IEC 11801:2002, ISO / IEC 24702:2006	IP protection classes	IEC 60529
Connector standard	IEC 60603-7-51	UL standard for communication accessories	UL 1863

Classifications

eClass 6.2	27-25-05-04	eClass 7.1	27-25-05-04

Approvals

ROHS	Conform

Industrial Ethernet
IE-PI-RJ45-FH-A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Zeichnungen

Printing



Dimensioned drawing

