

**Industrial Ethernet
IE-CD-V14MRJ-FJ****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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www.weidmueller.com



Junction box / coupling, design for FreeCon PushPull
plug-in connectors ver.14 according to IEC 61076-3-117

General ordering data

Type	IE-CD-V14MRJ-FJ
Order No.	1068880000
Version	Junction box, FreeCon, RJ45 module
GTIN (EAN)	4032248824021
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	364.74 g
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Temperatures

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

Downloads

Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class E Category 6, 3 connector permanent link	ac107534.pdf	Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class E Category 6, 4 connector channel	ac107533.pdf
Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 2 connector channel	ac107535.pdf	Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 4 connector channel	z1755b-07-D.pdf
Compliance Statement Screened Category 6 ISO/IEC EN & TIA/EIA Connecting Hardware	cs107367A.pdf		

General data

Housing main material	Aluminium profile, Cover: die-cast zinc, painted	Protection degree	IP 65
Wiring	PROFINET		

Standards

Generic communication cable facilities	DIN EN 61918 Draft 02.2007, ISO / IEC 24702:2006, ISO / IEC 11801:2002, ANSI / TIA / EIA-568-B.2-10, EN 50173-1:2007	Application-specific communication cable facilities	PROFINET installation instructions
IP protection classes	IEC 60529	Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-5
UL standard for communication accessories	UL 1863		

Technical data RJ45 module

Category (RJ45 module)	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Colour (RJ45 module)	Silver
Connection 1 (RJ45 module)	IDC	Connection 2 (RJ45 module)	RJ45
Contact resistance (RJ45 module)	≤ 20 mΩ	Contact surface (RJ45 module)	Gold over nickel
Current capacity (RJ45 module)	1 A	Dielectric strength, contact - contact (RJ45 module)	≤ 1000 V DC
Dielectric strength, contact - shielding (RJ45 module)	≤ 1500 V DC	Housing base material (RJ45 module)	Zinc diecast, nickel-plated
Insulation resistance (RJ45 module)	> 500 MΩ	Plugging cycles (RJ45 module)	750
Plugging force (RJ45 module)	≤ 30 N	Shielding (RJ45 module)	360° shield contact
Wire cross-section, finely stranded, max. (AWG)	AWG 22	Wire cross-section, finely stranded, min. (AWG)	AWG 26
Wiring	PROFINET		

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Classifications

ETIM 3.0	EC000018	eClass 6.2	27-25-05-04
eClass 7.1	27-25-05-04		

Approvals

Approvals



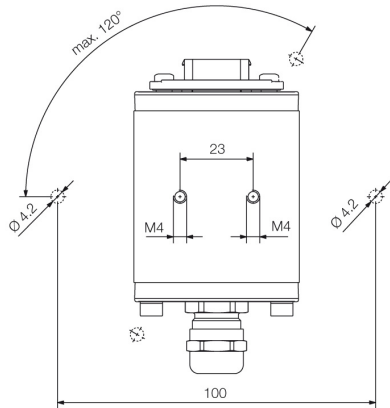
ROHS	Conform
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Zeichnungen

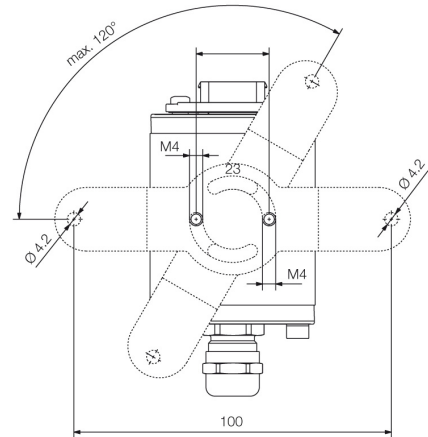
Dimensioned drawing



Bottom view

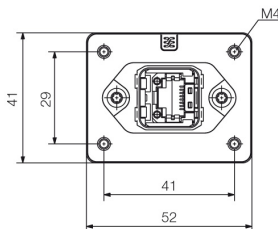
Dimensioned drawing

Dimensioned drawing

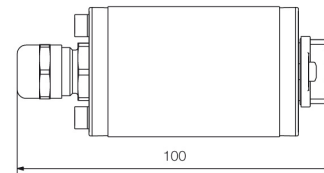


Bottom view with mounting foot

Dimensioned drawing



Front view



Side view