

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

General ordering data

Version	Junction box, FreeCon, RJ45 module, IP65
Order No.	1068880000
Type	IE-CD-V14MRJ-FJ
GTIN (EAN)	403224882402 1
Qty.	1 pc(s).

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Depth	100 mm	Depth (inches)	3.937 inch
Height	52 mm	Height (inches)	2.047 inch
Width	41 mm	Width (inches)	1.614 inch
Net weight	316.8 g		

Temperatures

Operating temperature	-40 °C...70 °C
-----------------------	----------------

General data

Colour	silver	Housing main material	Aluminium profile, Cover: die-cast zinc, painted
Protection degree	IP65	Wiring	PROFINET

General standards

Application-specific communication cable facilities	PROFINET installation instructions	Certificate no. (cULus)	E316369
Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-5	IP protection classes	IEC 60529
UL standard for communication accessories	UL 1863		

Technical data RJ45 module

Category (RJ45 module)	Cat.5 (ISO/IEC 11801)	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
Insulation resistance (RJ45 module)	> 500 MΩ	Plugging cycles (RJ45 module)	750
Plugging force (RJ45 module)	≤ 30 N	Sheath diameter, max. (RJ45 module)	10 mm
Sheath diameter, min. (RJ45 module)	5 mm	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		

Classifications

ETIM 7.0	EC002597	ETIM 8.0	EC002597
ETIM 9.0	EC002597	ETIM 10.0	EC002597
ECLASS 9.1	27-44-03-18	ECLASS 10.0	27-44-03-18
ECLASS 11.0	27-44-03-18	ECLASS 12.0	27-44-03-18
ECLASS 13.0	27-44-03-18	ECLASS 14.0	27-44-03-18
ECLASS 15.0	27-44-03-18		

IE-CD-V14MRJ-FJ

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Downloads

Approval/Certificate/Document of Conformity	ISO/IEC and TIA/EIA DE ISO/IEC EN and TIA/EIA Screened Class E Category 6, 3 connector permanent link ISO/IEC EN and TIA/EIA Screened Class E Category 6, 4 connector channel ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 2 connector channel DUXR.E316369 Compliance Statement Screened Category 6 ISO/IEC EN and TIA/EIA Connecting Hardware PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP CAD data – DWG CAD data – DXF
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

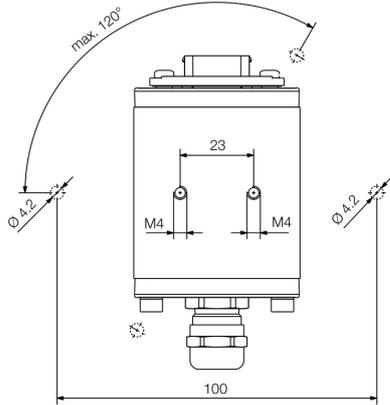
IE-CD-V14MRJ-FJ

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

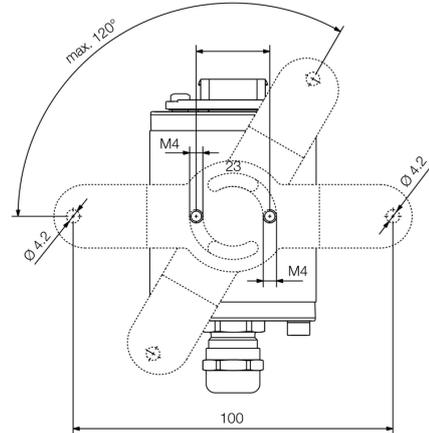
Drawings

Dimensioned drawing



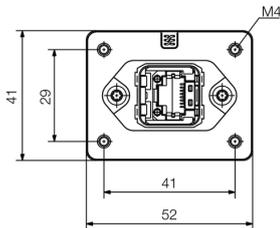
Bottom view

Dimensioned drawing



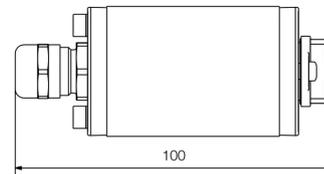
Bottom view with mounting foot

Dimensioned drawing



Front view

Dimensioned drawing



Side view

IE-CD-V14MRJ-FJ

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Mounting foot for FreeCon



At Weidmüller you can get everything you need from one source - including accessories for Industrial Ethernet.

The benefits for you:

- tools
- testing instruments
- cable bushings
- cabinet connections
- markers
- dust protection
- power packs
- overvoltage protection

General ordering data

Type	IE-CD-MA	Version	
Order No.	1099580000	Mounting foot, FreeCon, IP65	
GTIN (EAN)	4032248874040		
Qty.	10 pc(s).		

Sets - RJ45



PushPull plug-in connector set according to IEC 61076-3-117 ver.14 (PROFINET), metal incl. RJ45 insert

General ordering data

Type	IE-PS-V14M-RJ45-FH-P	Version	
Order No.	1012170000	Plug insert RJ45 tool-free, Variant 14 metal, Cat.5 (ISO/IEC 11801)	
GTIN (EAN)	4032248719815		
Qty.	10 pc(s).		

IE-CD-V14MRJ-FJ

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Dragline cable Cat.5 PUR - RJ45 V14 IP67

Assembled IE cables, PROFINET, Cat. 5, PUR, green, drag-chain compatible, PushPull plug-in connector according to IEC 61076-3-117 ver.14



General ordering data

Type	IE-C5DD4UG0010A2EA2E-X	Version
Order No.	1119730010	Dragline cable, PROFINET, RJ45 IP 67 PushPull V14 metal, RJ45 IP
GTIN (EAN)	4032248985463	67 PushPull V14 metal, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B),
Qty.	1 pc(s).	PUR, 1 m

Dust caps

For protecting your devices against dust and dirt.



General ordering data

Type	IE-BP-V14P	Version
Order No.	1058310000	Flange-mounted housing, protective cap
GTIN (EAN)	4032248799404	
Qty.	10 pc(s).	