

**Industrial Ethernet
IE-PS-V14M-RJ45-FH-P**

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



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
Order No.	1012170000
Version	RJ45 plug, no tools required, Variant 14 metal, Cat.5 (ISO/IEC 11801)
GTIN (EAN)	4032248719815
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight 55.07 g

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	
Installation temperature			

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 14 metal	Wiring	PROFINET
Colour code	black	Housing main material	Zinc diecast
Speed	100 MBit	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.5 (ISO/IEC 11801)
Contact surface	Gold over nickel	Connection diameter, solid	0.4...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22	Connection diameter, flexible	0.48...0.76 mm
Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22	MICE classification M	M ₃
MICE classification I	I ₃	MICE classification C	C ₁
MICE classification E	E ₃	Sheath diameter, min.	5 mm
Sheath diameter, max.	10 mm	Shielding	360°; all-round enclosure
Protection degree	IP67	Plugging cycles	750
Ability to reconnect	≥ 10 cycles (for the same or larger cross-section)		

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	Application-specific communication cable facilities	PROFINET installation instructions
Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-51	Certificate no. (cULus)	E316369

Classifications

ETIM 3.0	EC000018	ETIM 4.0	EC000018
ETIM 5.0	EC000018	ETIM 6.0	EC001121
eClass 6.2	27-25-05-04	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	27-44-03-90
eClass 9.1	27-44-03-90		

Product information

Descriptive text technical data	Other approvals for individual parts of the set available
Instructions for accessories	Plug inserts can also be ordered separately. Refer to Inserts.

Creation date March 1, 2019 4:51:04 PM CET

Data sheet

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
Brochure/Catalogue	CAT 9 IETH 15/16 EN FL FIELDWIRING EN PI PROFINET CABLING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Product Change Notification	TI_20171120_RJ45PN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

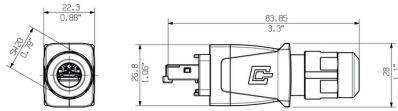
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Drawings

Dimensioned drawing



Printing



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Accessories

dust caps



For protecting your devices against dust and dirt.

Dust caps

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
IE-PP-V14P	1058280000	Plug housing protective cap	4032248799374	10 pc(s).

Multicard



for labelling your cables

Features:

- for use in the laser printer
- made from polyester
- abrasion-resistant
- as accessory: pen and printing software

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ESG 9/11 K MC NE WS	1857440000	ESG, Device markers x 9 mm, PA 66, Colour code: white, Self-adhesive	4032248402731	200 pc(s).

Colour coding rings



for identifying your plugs in variants 01 and 04

Features:

- 6 different colours

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-WH	1962990000	Industrial Ethernet, Colour coding ring, white,	4032248645176	10 pc(s).

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Accessories

Discontinued	2013-12-31T00:00:00+01:00	IE-CR-IP67-WS20-YE	1963030000	Industrial Ethernet, Colour coding ring, yellow, color coding ring, yellow	4032248645213	10 pc(s).
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-BU	1963020000	Industrial Ethernet, Colour coding ring, blue, color coding ring, blue	4032248645206	10 pc(s).
Discontinued	2013-12-31T00:00:00+01:00	IE-CR-IP67-WS20-GN	1963040000	Industrial Ethernet, Colour coding ring, green, color coding ring, green	4032248645220	10 pc(s).
Discontinued	2013-11-30T00:00:00+01:00	IE-CR-IP67-WS20-GY	1963000000	Industrial Ethernet, Colour coding ring, grey, color coding ring, grey	4032248645183	10 pc(s).
Discontinued	2013-10-31T00:00:00+01:00	IE-CR-IP67-WS20-OG	1963010000	Industrial Ethernet, Colour coding ring, orange, color coding ring, orange	4032248645190	10 pc(s).