

IE-PS-VAPM-5P-2.5

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

www.weidmueller.com



PushPull Power plug-in connector according to PROFINET specification

General ordering data

Version	Power connector, Plug, PROFINET, Set of connectors
Order No.	2465440000
Type	IE-PS-VAPM-5P-2.5
GTIN (EAN)	4050118522136
Qty.	1 pc(s).

Creation date March 9, 2023 9:15:56 PM CET

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

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Technical data

Dimensions and weights

Height	36.2 mm	Height (inches)	1.425 inch
Width	26.8 mm	Width (inches)	1.055 inch
Length	85.4 mm	Length (inches)	3.362 inch
Net weight	96 g		

Temperatures

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

General data

Cable sealing material	EPDM	Colour	Silver grey
Connection 1	PushPull Power	Connection 2	Tension clamp
Contact material	Copper alloy	Contact surface	Gold over nickel
Housing main material	Zinc diecast, nickel-plated	Number of poles	5
Plugging cycles	≥ 100	Pollution severity	2
Protection degree	IP65, IP67	Sealing material	NBR
Sheath diameter, max.	13 mm	Sheath diameter, min.	8 mm
Shielding	unshielded	Type of interlock	Push Pull
UL 94 flammability rating	V-2	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.75 mm ²		

Electrical properties

Current-carrying capacity at 50 °C	16 A	Operating voltage	24 V
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General standards

Certificate No. (UR)	E92202	Connector standard	in accordance with PROFINET specification, IEC 61076-3-126
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Standards

Connector standard	in accordance with PROFINET specification, IEC 61076-3-126
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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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	e5bbf197-73b5-420b-90c0-0173b7b3b6b7

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Important note

Product information For cables with outer diameter 6-8 mm, order additional reducing seal.

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202

Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
Product Change Notification	20201001 Technische Änderungen zum Push Pull Power Steckverbinder 20201001 Technical change to Push Pull Power connector Technische Änderung der Bedruckung auf PushPull Power Kontakteinsätzen Technical change to printing on PushPull Power contact inserts
User Documentation	Designation key / Type key Manual
Catalogues	Catalogues in PDF-format

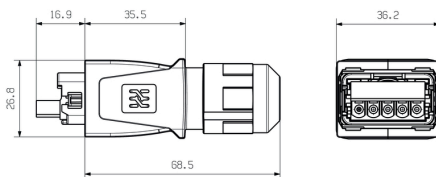
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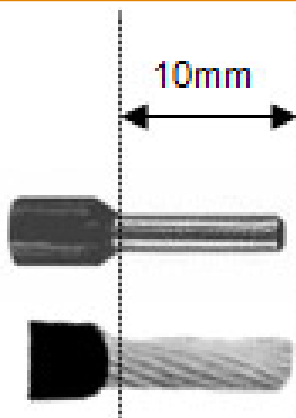
Drawings

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Dimensioned drawing



Drawing



When using wire-end-ferrules, we recommend the length of 10 mm.