

IE-PS-VAPM-5P-2.5-50

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.	2682090000
Type	IE-PS-VAPM-5P-2.5-50
GTIN (EAN)	4050118707427
Qty.	50 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	97.4 g
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Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General data

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

Electrical properties

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

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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Important note

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

ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	EC001121	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

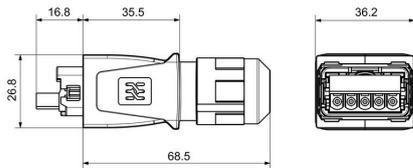
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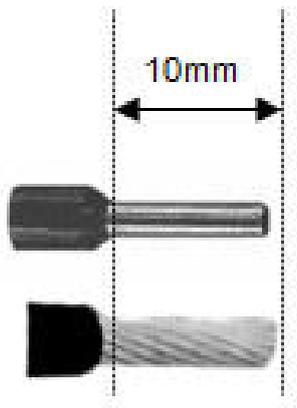
Drawings

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Dimensioned drawing



Drawing



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

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Accessories

Individual parts



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General ordering data

Type	IE-REDU-6-8-PS-VAPM	Version	
Order No.	2531330000	Power connector, Plug, Sealing insert, PROFINET	
GTIN (EAN)	4050118545227		
Qty.	10 ST		