

**IE-PS-VAPM-5P-2.5-50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2682090000</a>
Type	IE-PS-VAPM-5P-2.5-50
GTIN (EAN)	4050118707427
Qty.	50 pc(s).

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Net weight	97.4 g
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**Temperatures**

Operating temperature	-40 °C...70 °C
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**General data**

Cable sealing material	EPDM	Colour	Silver grey
Connection 1	PushPull Power	Connection 2	Tension clamp
Contact material	Cu-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 <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.75 mm <sup>2</sup>		

**Electrical properties**

Current-carrying capacity at 50 °C	16 A	Operating voltage	24 V
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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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**Classifications**

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC001121	ETIM 9.0	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	ECLASS 13.0	27-44-03-90

**Important note**

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

ROHS	Conform
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## Technical data

### Downloads

Product Change Notification	<a href="#">Technische Änderung der Bedruckung auf PushPull Power Kontakteinsätzen</a> <a href="#">Technical change to printing on PushPull Power contact inserts</a>
User Documentation	<a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

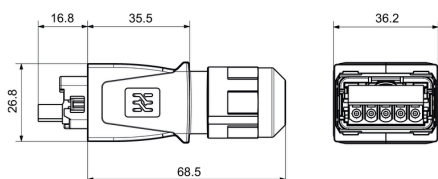
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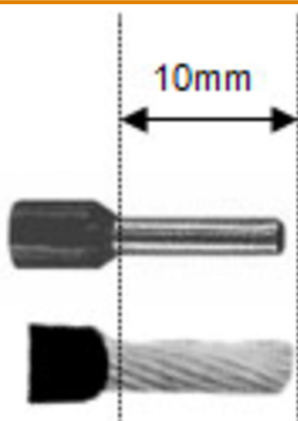
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## Drawings

### Dimensioned drawing



### Drawing



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

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Individual parts**

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**General ordering data**

Type	IE-REDU-6-8-PS-VAPM	Version
Order No.	<a href="#">2531330000</a>	Power connector, Plug, Sealing insert, PROFINET
GTIN (EAN)	4050118545227	
Qty.	10 pc(s).	