

Flush-type connector - SACCBP-MSD-4CON-M16/0,2-933SCO - 1426487

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Bus system flush-type plug, PROFINET, 4-pos., M12, shielded, D-coded, SPEEDCON, rear/screw mounting with Pg9 thread, with 0.5 m bus cable, 2 x 2 x 0.34 mm²


The figure shows the version with Pg9 screw connection

Your advantages

- ✓ Pre-assembled with cables in various standard lengths for immediate use
- ✓ Customer-specific assemblies and cable lengths can be supplied
- ✓ Sealed on the cable side for optimum tightness of seal
- ✓ Cable designs for all common networks and fieldbuses
- ✓ For high transmission safety: shield connection to the housing with optional EMC nut



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4055626462424

Technical data

Dimensions

Fixed cable length	0.2
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Ambient conditions

Ambient temperature (operation)	-25 ... -85 (Plug / socket)
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General

Standards/regulations	according to IEC 61076-2-101
Tightening torque nut	2 Nm ... 3 Nm (Installation-side)
Insertion/withdrawal cycles	≥ 100

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Technical data

General

Overvoltage category	II
Mounting type	Rear wall/screw mounting
Coding	D-coded
Thread type	M16 x 1.5
Cable cross section	0.34
AWG signal line	22
Rated surge voltage	2.5 kV AC
Degree of pollution	3
Degree of protection	IP67
Number of positions	4
Current	4 A
Voltage	250 V

Material

Contact material	CuZn
Contact surface material	Ni/Au
Flammability rating according to UL 94	V0

Connection data

Connection method	Bus line
Contact resistance with connected conductor	≤ 3 mΩ

Conductor

Outer sheath, material	PVC
External sheath, color	green RAL 6018

Standards and Regulations

Standards/specifications	according to IEC 61076-2-101
Flammability rating according to UL 94	V0
Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.

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Standards and Regulations

	<ul style="list-style-type: none"> Assembled products may not be manipulated or improperly opened.
	<ul style="list-style-type: none"> Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	<ul style="list-style-type: none"> When using the product in direct connection with third-party manufacturers, the user is responsible.
	<ul style="list-style-type: none"> For operating voltages > 50 V AC, conductive connector housings must be grounded
	<ul style="list-style-type: none"> Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	<ul style="list-style-type: none"> Observe the corresponding technical data. You will find information: <ul style="list-style-type: none"> On the product On the packing label In the supplied documentation Online at phoenixcontact.com/products under the product
	<ul style="list-style-type: none"> Only use tools recommended by Phoenix Contact
	<ul style="list-style-type: none"> Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	<ul style="list-style-type: none"> Ensure that the protective or functional ground has been properly connected.
	<ul style="list-style-type: none"> VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
	<ul style="list-style-type: none"> The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

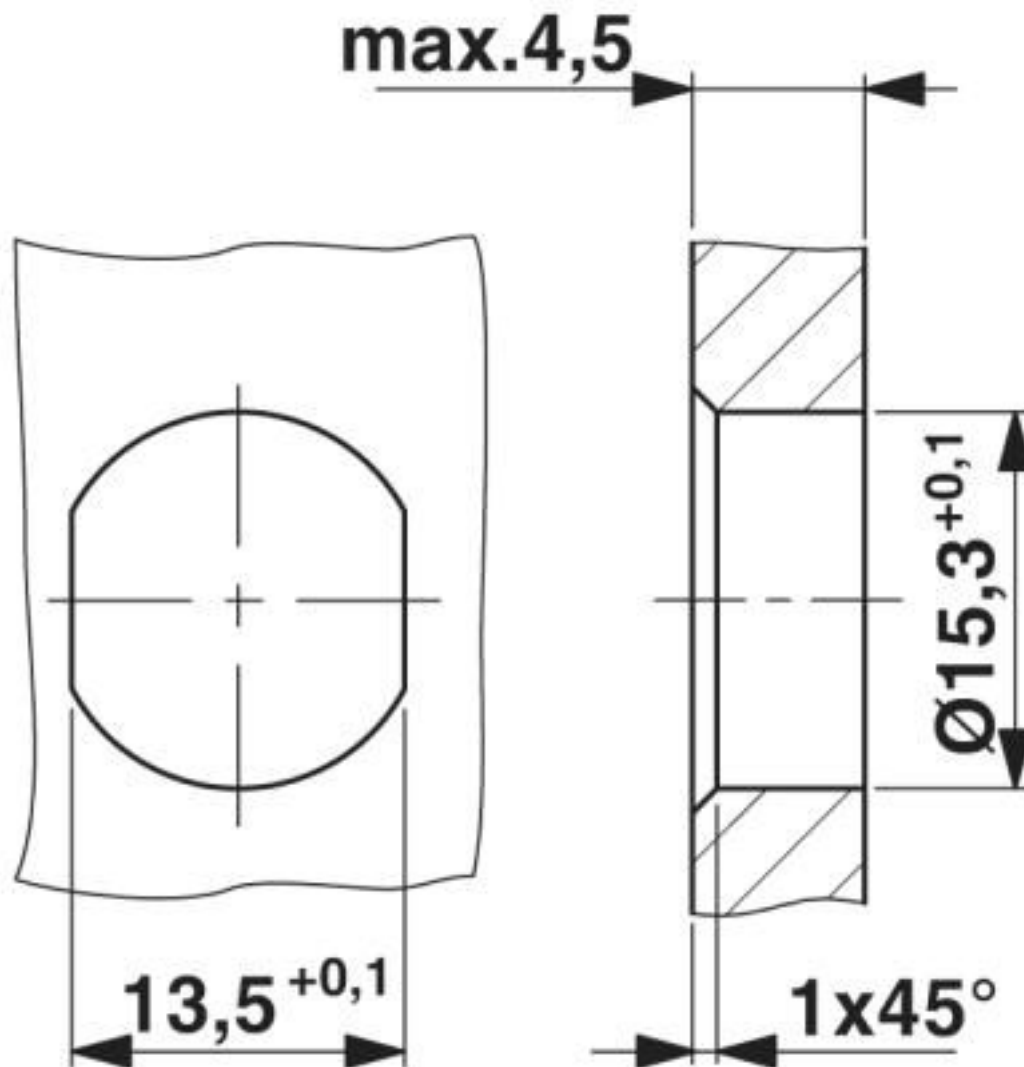
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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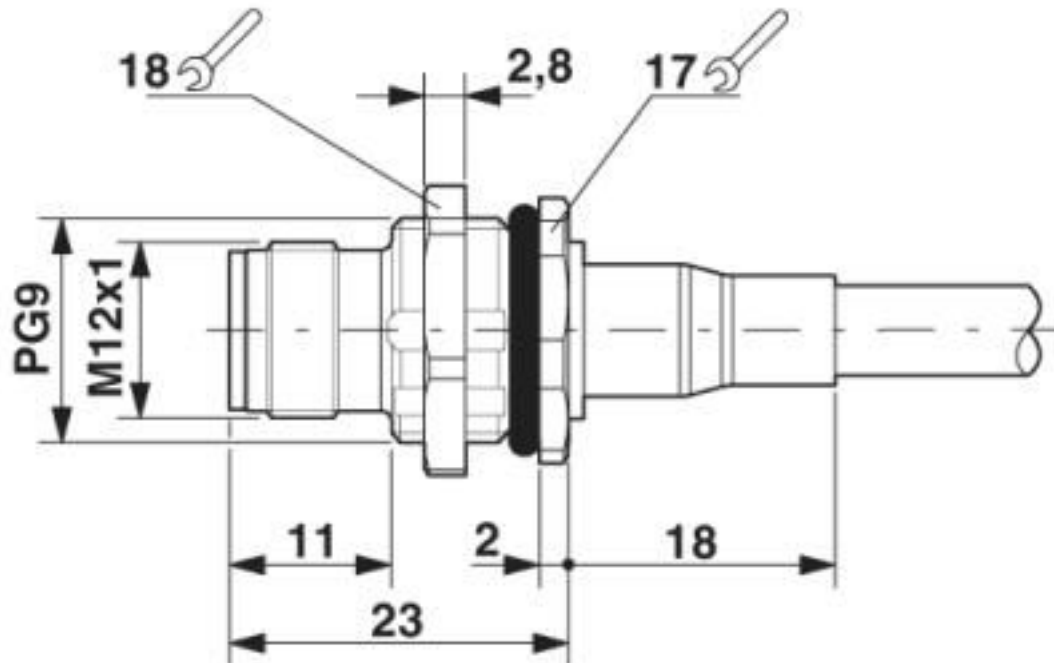
Dimensional drawing



Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

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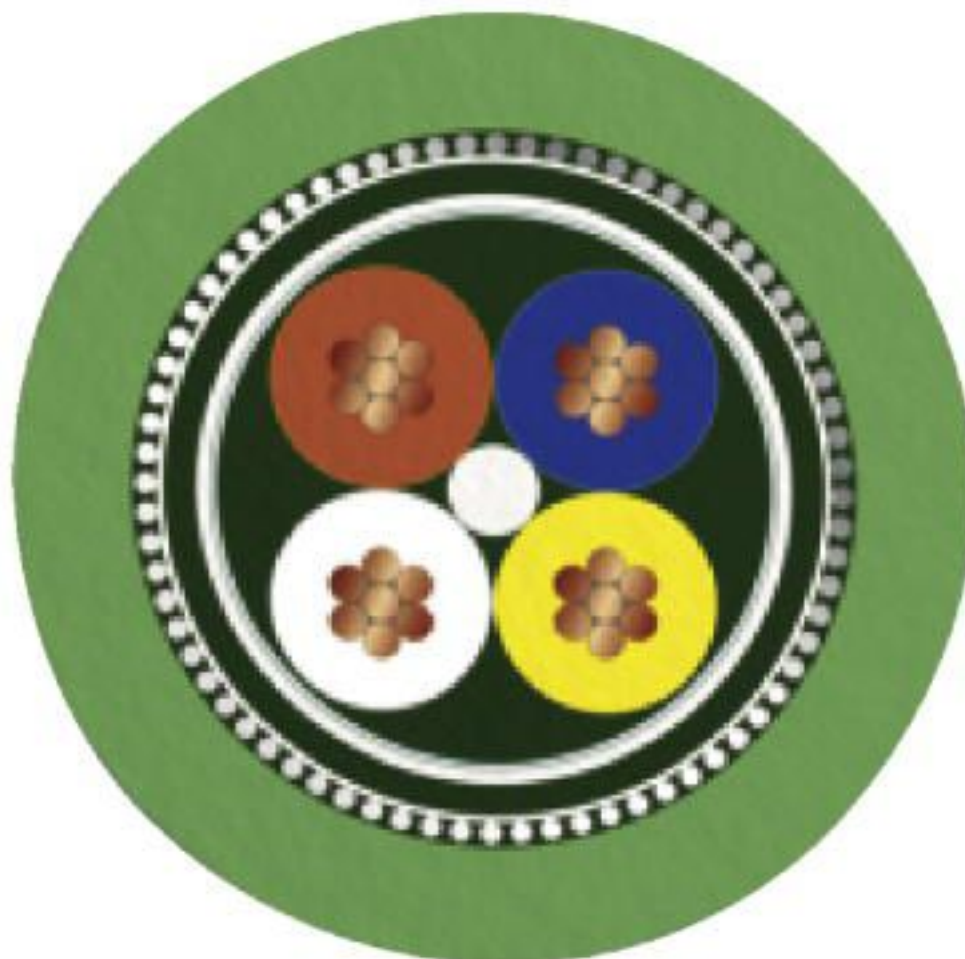
Dimensional drawing



M12 panel feed-through

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Cable cross section



PROFINET PVC stranded CAT5 [93B]

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

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Approvals


Approvals

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UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		250 V	
Nominal current IN		4 A	
mm²/AWG/kcmil		22	

EAC		B.01687
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