

SACC-M12FS-5CON-PG 9-SH - Connector



1694318

<https://www.phoenixcontact.com/ro/produse/1694318>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.



Connector, Universal, 5-position, shielded, Socket straight M12, coding: A, Screw connection, knurl material: Brass, nickel-plated, cable gland Pg9, external cable diameter 6 mm ... 8 mm

Avantajele dumneavoastră

- Safe use in the field, thanks to a high degree of protection
- Screw connection: proven connection technology for a large selection of different conductors
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

Date comerciale

Număr articol	1694318
Unitate de ambalare	1 Bucată
Cantitate minimă pentru comandă	1 Bucată
Cod de achiziție	02
Cod produs	BF2CBA
Pagina de catalog	Pagina 24 (C-2-2019)
GTIN	4017918181314
Greutate pe bucată (inclusiv ambalajul)	59,6 g
Greutate pe bucată (fără ambalaj)	59 g
Cod tarifar vamal	85366990
Țara de origine	CN

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Date tehnice

Notes

Assembly note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
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Product properties

Product type	Circular connector (cable-side)
Sensor type	Universal
Number of positions	5
No. of cable outlets	1
Shielded	yes
Coding	A
Cable outlet	straight
Pg screw connection	Pg9

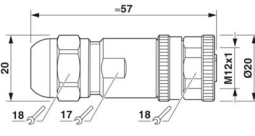
Data management status

Article revision	04
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Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	20 mm
Height	20 mm
Length	57 mm

External dimensions

Outside diameter	6 mm ... 8 mm
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Housing

Diameter housing	20 mm
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Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	Brass, nickel-plated
Contact material	CuZn

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Contact surface material	Au
Contact carrier material	PA
Material for screw connection	Brass, nickel-plated

Connection data

Conductor connection

Connection method	Screw connection
Connection cross section	0.25 mm ² ... 0.75 mm ² (without ferrule)
	0.14 mm ² ... 0.5 mm ² (with ferrule)
	0.25 mm ² ... 0.75 mm ² (solid)
Connection cross section AWG	24 ... 18 (without ferrule)
	26 ... 20 (with ferrule)
Stripping length of the individual wire	5 mm
Tightening torque	0.4 Nm (M12 knurl)
	0.2 Nm (Screw terminal blocks)
	0.8 Nm ... 1 Nm (Pressure nut with coupling sleeve)

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	48 V AC
	60 V DC
Nominal current I _N	4 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	A

Cable/line

Signal type/category	Universal
Stripping length of the individual wire	5 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
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Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

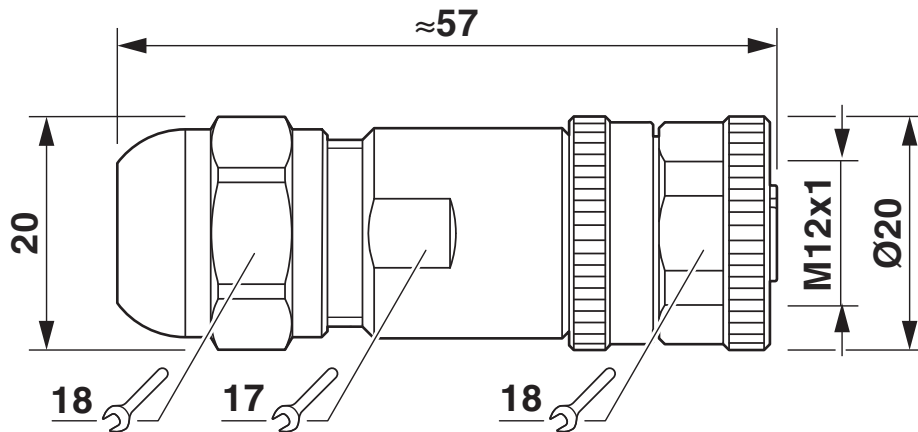
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<https://www.phoenixcontact.com/ro/produse/1694318>

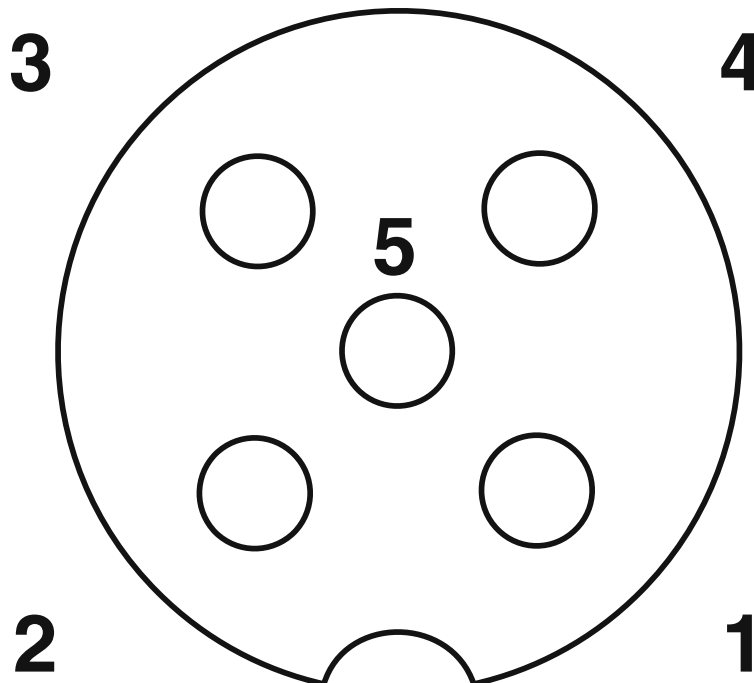
Desene

Dimensional drawing



M12 x 1 socket, straight, shielded

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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Aprobări

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ro/produse/1694318>

 cUL Recognized ID de înregistrare: FILE E 221474				
	Tensiune nominală U_N	Curent nominal I_N	Secțiune transversală AWG	Secțiune transversală mm^2
	60 V	4 A	-	-

 UL Recognized ID de înregistrare: FILE E 221474				
	Tensiune nominală U_N	Curent nominal I_N	Secțiune transversală AWG	Secțiune transversală mm^2
	60 V	4 A	-	-

cULus Recognized				
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Clasificări

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Îndeplinește cerințele conform directivei RoHS	Da
reglementări excepționale, dacă sunt cunoscute	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	Un tabel de declarații China RoHS legat de articol poate fi găsit în zona de descărcare a articolului respectiv la „Declarația producătorului”. Nu se emite și nu este necesar niciun tabel de declarații China RoHS pentru toate articolele EFUP-E.

EU REACH SVHC

Trimitere la substanța candidată REACH (nr. CAS)	Lead(nr. CAS: 7439-92-1)
SCIP	cc189622-130d-46e4-9d67-da9a87b3cc52

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Accesorii

PROT-M12 MS-PA-CHAIN - Screw plug

1430899

<https://www.phoenixcontact.com/ro/produse/1430899>

M12 sealing cap with fixing band, for sensor cables, for free M12 sockets



SAC-5P-100,0-PUR/SH-0,34 - Cable reel

1501728

<https://www.phoenixcontact.com/ro/produse/1501728>

By the meter, Cable reel, shielded, PUR halogen-free, black-gray RAL 7021, 5-wire, color single wire: brown, white, blue, black, gray, cable length: 100 m



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A 0,25- 5 - Ferrule

3202465

<https://www.phoenixcontact.com/ro/produse/3202465>



Ferrule, color: silver

TSD 04 SAC - Torque screwdriver

1208429

<https://www.phoenixcontact.com/ro/produse/1208429>



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

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SACC BIT M12-D20 - Tool

1208445

<https://www.phoenixcontact.com/ro/produse/1208445>

Nut for assembling M12 connectors for assembly with a knurl diameter of 20 mm, for 4 mm hexagonal drive



TSD-M 1,2NM - Torque screwdriver

1212224

<https://www.phoenixcontact.com/ro/produse/1212224>

Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm



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TSD-M SAC-BIT ADAPTER - Adapter insert

1212600

<https://www.phoenixcontact.com/ro/produse/1212600>



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

CRIMPFOX 6H - Crimping pliers

1212046

<https://www.phoenixcontact.com/ro/produse/1212046>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 6 mm², unlockable pressure lock, lateral entry

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WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/ro/produse/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

VS-CABLE-STRIP-VARIO - Stripping tool

1657407

<https://www.phoenixcontact.com/ro/produse/1657407>



Stripping tool, for the multi-level stripping of shielded cables

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SZF 1-0,6X3,5 - Screwdriver

1204517

<https://www.phoenixcontact.com/ro/produse/1204517>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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