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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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## Panel feed-through - SACC-EC-M12FS-5CON-PG9/0,5 - 1671108

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Sensor/Actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with PG9 thread, can be positioned, with 0.5 m TPE litz wire, 5 x 0.34 mm<sup>2</sup>



### Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 27 (PC-2011)
GTIN	 4 017918 134952
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

#### General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA66
Material, knurls	Nickel-plated brass

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## Technical data

### General characteristics

Sealing material	NBR
Mounting type	Front mounting Pg9 With locking nut
Connection method	Individual wires
Status display	No

### Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

## Classifications

### eclass

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

### etim

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061

### unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

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## Approvals

### Approvals


#### Approvals


UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 	
mm²/AWG/kcmil	26-2
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

cUL Recognized 	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V

GOST 	
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cULus Recognized 	
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## Accessories

### Accessories

### Assembly

## Panel feed-through - SACC-EC-M12FS-5CON-PG9/0,5 - 1671108

### Accessories

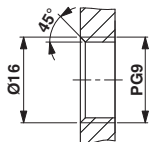
Flat nut - SACC-E-MU-PG9 - 1504084



Flat nut with Pg9 thread

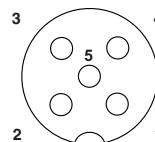
### Drawings

#### Dimensioned drawing



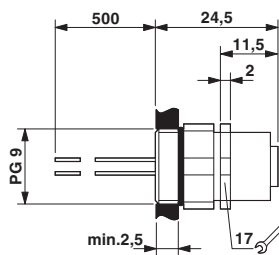
Housing cutout for Pg9 fastening thread, mounting panel with thread

#### Schematic diagram



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

#### Dimensioned drawing



M12 flush-type socket, can be positioned

#### Circuit diagram



Contact assignment of the M12 plug and the M12 socket