

# 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 mm <sup>2</sup>
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

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Recognized	
mm <sup>2</sup> /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

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## Accessories

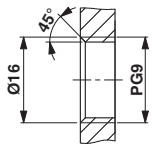
Flat nut - SACC-E-MU-PG9 - 1504084



Flat nut with Pg9 thread

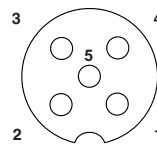
## Drawings

### Dimensioned drawing



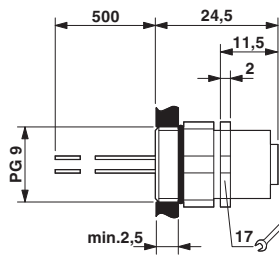
Housing cutout for Pg9 fastening thread, mounting panel with thread

### 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