

## Panel feed-through - SACC-EC-M12MS-5CON-PG9/1,5 - 1683756

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Sensor/Actuator flush-type plug, 5-pos., M12, A-coded, front/screw mounting with PG9 thread, can be positioned, with 1.5 m TPE litz wire, 5 x 0.34 mm<sup>2</sup>



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
GTIN	 4 017918 422028
Custom tariff number	85444290
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	1.5 m

#### General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au

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## Technical data

### General characteristics

Contact carrier material	PA66 GF
Material, knurls	Nickel-plated brass
Sealing material	NBR
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

## Classifications

### ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002062

### UNSPSC

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

### eCl@ss

eCl@ss 4.0	27140815
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### Classifications

#### eCl@ss

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

### Approvals

#### Approvals

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Approvals

UL 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	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

### Accessories

Accessories

Assembly

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## Accessories

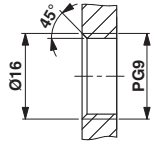
Flat nut - SACC-E-MU-PG9 - 1504084



Flat nut with Pg9 thread

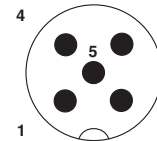
## Drawings

Dimensioned drawing



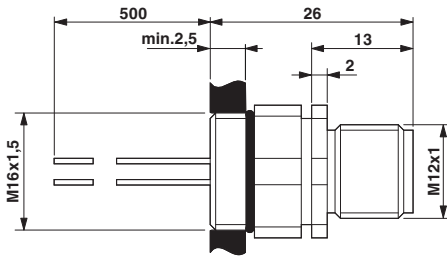
Housing cutout for Pg9 fastening thread, mounting panel with thread

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

Dimensioned drawing



M12 flush-type plug, can be positioned

Circuit diagram



Contact assignment of the M12 plug and the M12 socket