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# Bus system flat-type plug - SACC-E-M12MS-4CON-PG9/0,5 FFVA - 1431432

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Bus system flush-type connector, FOUNDATION Fieldbus, plug, 4-pos., M12, A-coded, front/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 3 x 0.34 mm², stainless steel version

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 457545

## Technical data

### Dimensions

Length of cable	0.5 m
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### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

### General

Rated current at 40°C	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn

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## Technical data

### Material

Contact surface material	Ni/Au
Contact carrier material	PA66 GF
Material, knurls	High-grade steel
Sealing material	FKM

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC000830
ETIM 5.0	EC002061

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

UL Recognized / EAC

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## Approvals

Ex Approvals

Approvals submitted

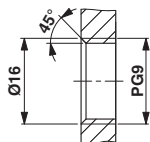
## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

EAC

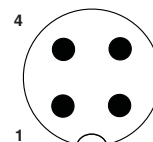
## Drawings

Dimensional drawing



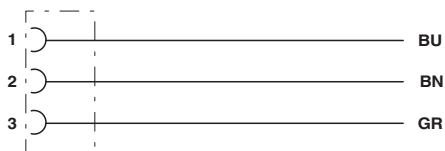
Housing cutout for Pg9 fastening thread, mounting panel with thread

Schematic diagram



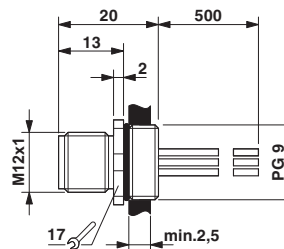
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Dimensional drawing



M12 flush-type connector

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