

Flush-type connector - SACC-E-MS-3CON-M16/0,5 SCO - 1459618

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Flush-type connector, 3-position, Plug, straight, M12-SPEEDCON, A-coded, Individual wires, Cable length: 0.5 m



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| Minimum order quantity | 100 STK |
| GTIN |  4 046356 647458 |
| GTIN | 4046356647458 |
| Weight per Piece (excluding packing) | 20.000 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-----------------|-------|
| Length of cable | 0.5 m |
|-----------------|-------|

Ambient conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -25 °C ... 85 °C |
| | -40 °C ... 85 °C (without mechanical actuation) |
| Degree of protection | IP67 |

General

| | |
|-----------------------|--------|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Rated surge voltage | 2.5 kV |

Flush-type connector - SACC-E-MS-3CON-M16/0,5 SCO - 1459618

Technical data

General

| | |
|-----------------------|-------------------------------|
| 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 |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 66 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Cable

| | |
|---------------------------------|--|
| Cable type | TPE litz wire |
| AWG signal line | 22 |
| Wire colors | brown, blue, black |
| Conductor material | Tin-plated Cu litz wires |
| Standards/specifications | M12 connector IEC 61076-2-101 |
| Ambient temperature (operation) | -25 °C ... 85 °C (cable, fixed installation) |

Standards and Regulations

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

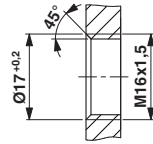
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

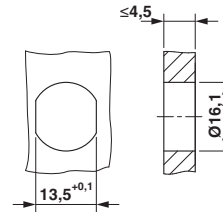
Flush-type connector - SACC-E-MS-3CON-M16/0,5 SCO - 1459618

Dimensional drawing



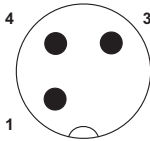
Housing cutout for M16 fastening thread, mounting panel with thread

Dimensional drawing



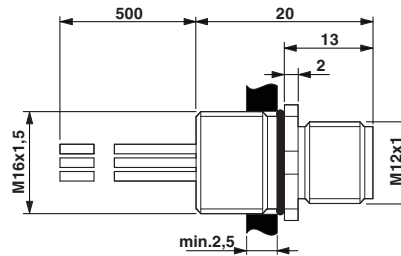
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram



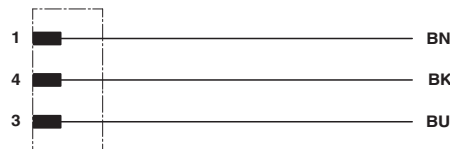
Pin assignment M12 plug, 3-pos., A-coded, view male side

Dimensional drawing



M12 flush-type plug

Circuit diagram



Contact assignment of the M12 plug

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 |

Flush-type connector - SACC-E-MS-3CON-M16/0,5 SCO - 1459618

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440102 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002061 |
| ETIM 6.0 | EC002061 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 39121413 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|--|---------|
| EAC | | B.00767 |
|-----|--|---------|

Accessories

Accessories

Flat nut

Flush-type connector - SACC-E-MS-3CON-M16/0,5 SCO - 1459618

Accessories

Flat nut - SACC-E-MU-M16 - 1504097



Flat nut with M16 thread

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>