

Flush-type connector - SACC-EC-M12FS-4CON-PG9/1,5 - 1508349

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Sensor/Actuator flush-type socket, 4-pos., M12, A-coded, front/screw mounting with Pg9 thread, can be positioned, with 1.5 m TPE litz wire, 4x 0,34 mm²



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4017918889388 |

Technical data

Dimensions

| | |
|-----------------|-------|
| Length of cable | 1.5 m |
|-----------------|-------|

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 | 4 |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Individual wires |

Material

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Technical data

Material

| | |
|--|------------------------------|
| Flammability rating according to UL 94 | V0 |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA66 GF |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Cable

| | |
|------------------------------------|---------------------------|
| Cable type | TPE litz wire |
| Conductor cross section | 0.34 mm ² |
| 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 | brown, white, blue, black |
| Material conductor insulation | TPE |
| Conductor material | Tin-plated Cu litz wires |
| Insulation resistance | ≥ 20 MΩ*km |
| Conductor resistance | ≤ 57.6 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V AC |

Standards and Regulations

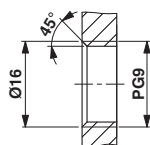
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

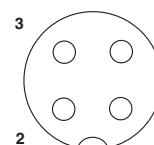
Drawings

Dimensional drawing



Housing cutout for Pg9 fastening thread, mounting panel with thread

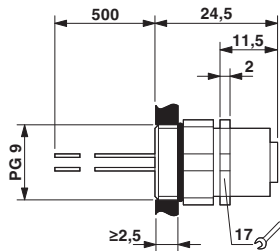
Schematic diagram



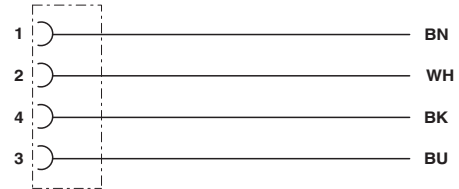
Pin assignment M12 socket, 4-pos., A-coded, view female side

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Dimensional drawing



Circuit diagram



M12 flush-type connector

Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|-------|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 4 A | | |
| mm ² /AWG/kcmil | 22 | | |

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

| | | | |
|----------------------------|-------|---|------------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E221474-20140616 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 4 A | | |
| mm ² /AWG/kcmil | 22-20 | | |

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