

Flush-type connector - SACC-SQ-M12FS-17CON-25F/0,5 - 1441613

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Sensor/actuator flush-type socket, 17-pos., M12, A-coded, front/square flange mounting, with 0.5 m TPE litz wire, 17 x 0.14 mm

Product Features

- 4 x fixing hole, 2.7 mm
- With form seal for M2.5 screws



Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 1 |
| 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 (Plug / socket) |
| Degree of protection | IP67 |

General

| | |
|-----------------------|-------------------------------|
| Rated current at 40°C | 1.5 A |
| Rated voltage | 30 V |
| Number of positions | 17 |
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |

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Technical data

General

| | |
|------------------------|------------------------------|
| Status display | No |
| Surge voltage category | II |
| Pollution degree | 3 |
| Connection method | Individual wires |
| Mounting type | Front mounting Square flange |

Material

| | |
|---|------------------------------|
| Inflammability class 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 |
| Conductor cross section | 0.14 mm ² |
| AWG signal line | 26 |
| Wire colors | Color-coded DIN 47100 |
| Material conductor insulation | TPE |
| Conductor material | Tin-plated Cu litz wires |
| Ambient temperature (operation) | -25 °C ... 90 °C (cable, fixed installation) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001297 |
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002061 |
|----------|----------|

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / GOST / GOST

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| UL Recognized | |
| mm ² /AWG/kcmil | 26-20 |
| Nominal current I _N | 1.5 A |
| Nominal voltage U _N | 30 V |

| | |
|------|--|
| GOST | |
|------|--|

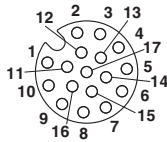
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Approvals



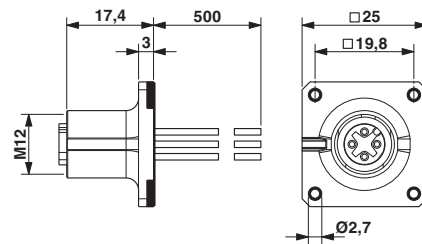
Drawings

Schematic diagram

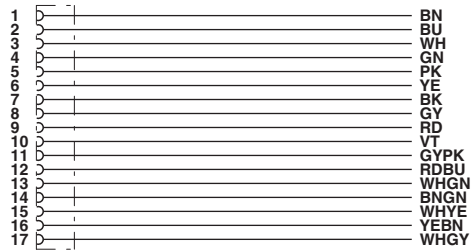


Pin assignment M12, 17-pos., socket side view

Dimensioned drawing



Circuit diagram



Contact assignment of the M12 socket