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Especialistas en Automatización

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## Flush-type connector - SACC-CI-M12MS- 4CON-TOR 32 - 1457490

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Sensor/actuator flush-type plug, 4-pos., A-coded, with straight THR solder connection, only contact insert

### Why buy this product

- Reduzierte Montagekosten dank zweiteiliger Gerätesteckverbinder
- Verpackungen für automatisierte Pick- and Place-Bestückung verfügbar
- Alle gängigen Polbilder und Kodierungen verfügbar
- Einfache Geräteintegration durch mechanische Port-Verschraubungen mit Gewindefestigung, Einpresskontur oder zur direkten Integration in die Frontplatte
- Zusätzliche Abdichtung zum Gerät im ungesteckten Zustand

### Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 100 STK   |
| Minimum order quantity | 100 STK   |
| GTIN                   | <br>4 046356 616256 |

### Technical data

#### Ambient conditions

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

#### General

|                       |  |
|-----------------------|--|
| Note                  | The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration. |
| 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   |

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## Technical data

### General

|                             |                               |
|-----------------------------|-------------------------------|
| Standards/regulations       | M12 connector IEC 61076-2-101 |
| Overvoltage category        | II                            |
| Degree of pollution         | 3                             |
| Connection method           | THR solder connection         |
| Insertion/withdrawal cycles | > 100                         |
| Mounting type               | PCB mounting                  |
| Type of packaging           | Belt                          |
| Delivery state              | with assembly pad             |

### Material

|  |      |
|--|------|
| Flammability rating according to UL 94 | V0   |
| Contact material                       | CuZn |
| Contact surface material               | Au   |
| Contact carrier material               | PA6T |
| 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 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

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

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## Classifications

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 31251501 |
|-------------|----------|

## Approvals

### Approvals

### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

### 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 |

|                                |       |
|--------------------------------|-------|
| cUL 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 |

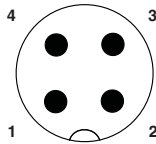
|     |
|-----|
| EAC |
|-----|

|                  |
|------------------|
| cULus Recognized |
|------------------|

## Drawings

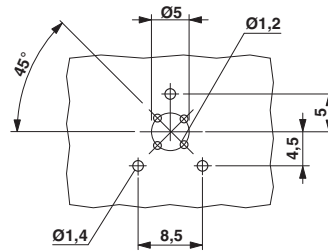
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Schematic diagram



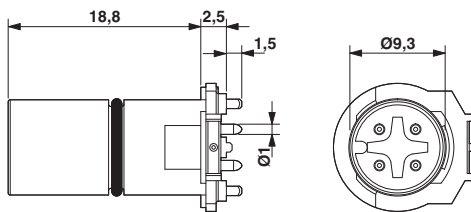
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Drilling diagram



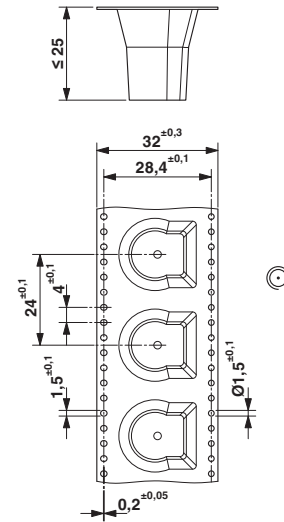
Drilling diagram

Dimensional drawing



M12 male connector contact carrier

Dimensional drawing



THR tape-on-reel packing



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