



**Automatización Eléctrica**  
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

# Flush-type connector - SACC-MCI-MST-4CON/0,5 SCO - 1424130

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>)



Assembled contact carrier and insulating body, T-coding, 4-pos., 0.5 m long litz wires

## Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 1 STK               |
| GTIN         | <br>4 046356 693332 |

## Technical data

### Dimensions

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

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
| 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 | 12 A   |
| Rated voltage         | 60 V   |
| Rated surge voltage   | 1.5 kV   |
| Number of positions   | 4  |
| Insulation resistance | ≥ 100 MΩ   |
| Coding                | T power  |
| Standards/regulations | M12 connector  |
| Status display        | No   |
| Overvoltage category  | III  |
| Degree of pollution   | 3  |
| Connection method     | Individual wires   |
| Torque                | M12 connector  |
| Mounting type         | With flat nut  |

# Flush-type connector - SACC-MCI-MST-4CON/0,5 SCO - 1424130

## Technical data

### Material

|                          |      |
|--------------------------|------|
| Contact material         | CuZn |
| Contact surface material | Au   |
| Contact carrier material | PA6  |

### Cable

|                                 |  |
|---------------------------------|--|
| Cable type                      | PP litz wire                                 |
| AWG signal line                 | 16   |
| Wire colors                     | Black, brown, blue, white                    |
| Conductor material              | Bare Cu litz wires                           |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |

### Standards and Regulations

|                      |               |
|----------------------|---------------|
| Standard designation | M12 connector |
|----------------------|---------------|

## 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 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27440103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002062 |
| 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

---

# Flush-type connector - SACC-MCI-MST-4CON/0,5 SCO - 1424130

## Approvals

Approvals

EAC

---

Ex Approvals

---

Approvals submitted

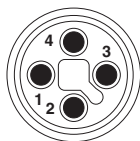
---

## Approval details

EAC

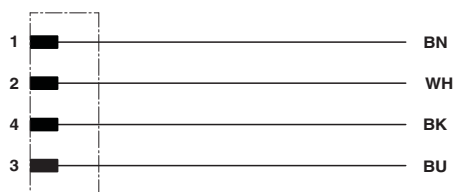
## Drawings

Schematic diagram



Pin assignment for M12 plug, 4-pos., T-coded, view of plug side

Circuit diagram



Contact assignment of the M12 plug

---

Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product  | Code    | Reference                 | Product link               |
|--|---------|---------------------------|----------------------------|
| Assembled contact carrier and insulating body, T-coding, 4-pos., 0.5 m long litz wires | 1424130 | SACC-MCI-MST-4CON/0,5 SCO | <a href="#">Buy on EAN</a> |