



THE DATASHEET OF
1419797



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

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



Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 1 |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

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

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
| Degree of protection | IP67 |

General

| | |
|------------------------|------------------|
| Rated current at 40°C | 12 A |
| Rated voltage | 60 V |
| Number of positions | 4 |
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Coding | T power |
| Standards/regulations | M12 connector |
| Status display | No |
| Surge voltage category | III |
| Pollution degree | 3 |
| Connection method | Individual wires |

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Technical data

General

| | |
|---------------|-----------------|
| Torque | (M12 connector) |
| Mounting type | With flat nut |

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) |

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 | 27449001 |

ETIM

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

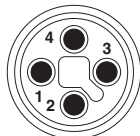
UNSPSC

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

Drawings

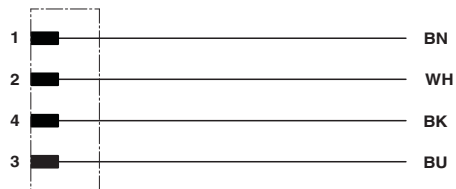
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Schematic diagram



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

Circuit diagram



Contact assignment of the M12 plug

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