INDUSTRIAL COMPONENT DATA

# SACC-DSI-MS-12CON-M12 SCO 1559945 PHOENIX CONTACT Flush-type connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-MS-12CON-M12 SCO**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SACC-DSI-MS-12CON-M12 SCO |
| Catalog number | 1559945 |
| Category | Circular connector, mounting (PCB) |
| Minimum order | 20 Pcs |
| Document ID | EO-0402477034 |
| Generated | 2026-11-18 |

## Product Overview

Flush-type connector
Conect. plug. to be apar. poster wall, 12-pole, Male connector, straight, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, Soldering pins, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240077

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1559945
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
Catalog page Page 248 (C-2-2013)
GTIN 4046356322652
Weight per Piece (excluding packing) 9.050 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length of the solder pin 6 mm
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 1.5 A
Rated voltage 30 V
Rated surge voltage 0.8 kV
Number of positions 12
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Overvoltage category II
Degree of pollution 3
Connection method Solder pins
Insertion/withdrawal cycles > 100
Torque 3 Nm ... 4 Nm (Installation-side)
Mounting type Rear mounting M12 x 1 With flat nut
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA 6.6
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Cable
Standards/specifications M12 connector IEC 6...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-MS-12CON-M12 SCO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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