

## INDUSTRIAL COMPONENT DATA

# SACC-SQ-M12FS-4CON-25F/0,5 1420003 PHOENIX CONTACT Sensor/Actuator flush-type socket, 4-pos., M12, A-coded, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-SQ-M12FS-4CON-25F/0,5



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | SACC-SQ-M12FS-4CON-25F/0,5                |
| Catalog number  | 1420003                                   |
| Category        | Circular connector, mounting (with cable) |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-345F1182D1                             |
| Generated       | 2026-08-02                                |

## Product Overview

Sensor/Actuator flush-type socket, 4-pos., M12, A-coded, front/square flange mounting, with 0.5 m TPE litz wire, 4 x 0.34 mm<sup>2</sup>

Conect. plug. to be apar. front wall, 4-pole, Connecting female, straight, M12, A-coded, Front wall mounting, Square flange, Single stranded wires, cable length: 0.5 m, 0.34 mm<sup>2</sup>, TPE braided wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) 1239291

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; Field Device Connectors (FDC)

## Additional Product Information

## Dimensions

Length of cable 0.5 m

## Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

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  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Status display No  
Overvoltage category II  
Pollution degree 3  
Connection method Individual wires  
Insertion/withdrawal cycles  $> 100$   
Torque 3 Nm ... 4 Nm (Installation-side)  
Mounting type Front mounting Square flange  
Material  
Flammability rating according to UL 94 V0  
Contact material CuZn  
Contact surface material Ni/Au  
Contact carrier material PA 66  
Material of grip body Zinc die-cast, nickel-plated  
Material, knurls Zinc die-cast, nickel-plated  
Sealing material FKM  
Cable  
Cable type TPE litz wire  
Conductor cross section  $0.34 \text{ mm}^2$   
AWG signal line 22  
Conductor structure signal line  $7 \times 0.25 \text{ mm}$   
Core diameter including insulation  $1.2 \text{ mm} \pm 0.07 \text{ mm}$   
Thickness, insulation  $0.21 \text{ mm}$  (Core insulation)  
Wire colors brown, white, blue, black  
Material conductor insulation TPE  
Conductor material Tin-plated Cu litz wire...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-SQ-M12FS-4CON-25F/0,5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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