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-F59CB4EAC7
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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 mm²

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 mm², 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 > 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 >= 100 M?
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 mm²
AWG signal line 22
Conductor structure signal line 7x 0.25 mm
Core diameter including insulation 1.2 mm ±0.07 mm
Thickness, insulation 0.21 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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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