INDUSTRIAL COMPONENT DATA

SACC-DSI-M 8FS-4CON-M12/0,5 1453452 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M 8FS-4CON-M12/0,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M 8FS-4CON-M12/0,5
Catalog number	1453452
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-96BFBE5BDC
Generated	2026-11-18

Product Overview

Flush-type connector
Conect. plug. to be apar. wall poster., 4-pole, Female connection, straight, M8, Rear mounting, M12 x 1, Single stranded wires, cable length: 0.5 m, 0.25 mm², PVC conductor
Device connector rear mounting, 4-position, Socket, straight, M8, Rear mounting, M12 x 1, Individual wires, cable length: 0.5 m, 0.25 mm2, PVC litz wire

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

Technical dataMountingMounting type Rear mounting M12 x 1 With flat nut
Assembly note With flat nut
Product propertiesProduct type Circular connectors (device side)
Number of positions 4
No. of cable outlets 1
Shielded no
Coding A
Thread type M8
Data management status
Article revision 03
Insulation characteristics

Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material FKM
Contact material Cu alloy
Contact surface material Au
Contact carrier material PUR/PA 6.6
Material for screw connection Brass, nickel-plated
Conductor material Tin-plated Cu litz wires
Electrical propertiesRated surge voltage 1.5 kV
Contact resistance <= 3 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Max. conductor resistance 80 ?/km
Connection dataConductor connection
Connection method Individual wires
Contact connection type Socket
Conductor cross section 0.25 mm²
Tightening torque 1 Nm ... 1.5 Nm (Installation-side)
ConnectorConnection 1
Head design Socket
Head cable outlet straight
Head thread type M8
Cable/lineCable length 0.5 m
Cable type PVC litz wire
Wire diameter incl. insulation 1.5 mm ±0.1 mm
Single wire, color brown, white, blue, black
Cable cross section 0.25 mm²
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 7x 0.20 mm
AWG signal line 24
Material wire insulation PVC / UL
Thickness, insulation 0.21 mm
Nominal voltage, cable 300 V
Test voltage, cable 20...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M 8FS-4CON-M12/0,5 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.