INDUSTRIAL COMPONENT DATA

SACC-DSI-M8FS-3CON-M12/3,0 PUR 1424316 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M8FS-3CON-M12/3,0 PUR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M8FS-3CON-M12/3,0 PUR
Catalog number	1424316
Category	Circular connector, mounting (with cable)
Minimum order	100 Pcs
Document ID	EO-78DFA219C4
Generated	2026-11-19

Product Overview

Flush-type connector
Built-in mounting female for sensors/actuators, 3 poles, M8, rear wall mounting/screwed with M12 thread, with 3 m PUR cable, 3 x 0.25 mm²
Sensor/actuator flush-type socket, 3-pos., M8, rear/screw mounting with M12 thread, with 3 m PUR cable, 3 x 0.25 mm2

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 3
No. of cable outlets 1
Shielded no
Coding A
Thread type M8
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB

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
Connection dataConductor connection
Connection method Individual wires
Contact connection type Socket
ConnectorConnection 1
Head design Socket
Head cable outlet straight
Head thread type M8
Cable/lineCable length 3 m
Cable type PUR
Single wire, color brown, blue, black
Conductor material Tin-plated Cu litz wires
AWG signal line 24
Material wire insulation TPE
Environmental and real-life conditionsAmbient conditions
Degree of protection IP67
IP67
Ambient temperature (operation) -25 °C ... 85 °C (Socket)
Standards and regulationsStandard designation M8 connector
Standards/specifications IEC 61076-2-104

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M8FS-3CON-M12/3,0 PUR 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.