INDUSTRIAL COMPONENT DATA

SACC-EC-FS-8CON-M16/2,0 SCO 1446391 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-EC-FS-8CON-M16/2,0 SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-EC-FS-8CON-M16/2,0 SCO
Catalog number	1446391
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-F37F717A8F
Generated	2026-11-19

Product Overview

Flush-type connector
Conect. plug. to be apar. front wall, Universal, 8-pole, Female connection, straight, M12-SPEEDCON, coding: A, Front wall mounting, Single braided wires, cable length: 2 m, 0.25 mm², TPE braided wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239793

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

Key Commercial Data
Orderkey 1446391
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356628389
Weight per Piece (excluding packing) 70.600 g
Custom tariff number 85444290
Country of origin DE (Germany)
Dimensions
Length of cable 2 m
Ambient conditions

Degree of protection IP67
General
Rated current at 40°C 2 A
Rated voltage 30 V
Number of positions 8
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Signal type/category Universal
Status display No
Overvoltage category II
Degree of pollution 3
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
Cable
Cable type TPE litz wire
Conductor cross section 0.25 mm²
AWG signal line 24
Conductor structure signal line 14x 0.15 mm
Core diameter including insulation 1.15 mm ±0.07 mm
Thickness, insulation 0.21 mm (Core insulation)
Wire colors Brown, blue, white, gray, pink, green, yellow, red
Material conductor insulation TPE
Conductor material Tin-plated Cu litz wires
Standards/specifications M12 connector IEC 61076-2-101
Insulation resistance >= 20 M?*km
Conductor resistance <= 80 m?/m
Nominal voltage, cable 300 V
Test voltage, cable 2000 V AC
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 V0
Environmental Product Compliance
REACh...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-EC-FS-8CON-M16/2,0 SCO 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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