

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-87093EDD0A
Generated	2026-08-05

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 $\geq 100 \text{ M}\Omega$

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 mm^2

AWG signal line 24

Conductor structure signal line $14 \times 0.15 \text{ mm}$

Core diameter including insulation $1.15 \text{ mm} \pm 0.07 \text{ mm}$

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 $\geq 20 \text{ M}\Omega \cdot \text{km}$

Conductor resistance $\leq 80 \text{ m}\Omega/\text{m}$

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

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.