

INDUSTRIAL COMPONENT DATA

SACC-E-M12MS-8CON-M16/0,5 P 1436424 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-E-M12MS-8CON-M16/0,5 P



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-E-M12MS-8CON-M16/0,5 P
Catalog number	1436424
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-D831B8611C
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Product Overview

Flush-type connector

Conect. plug. to be apar. front wall, Universal, 8-pole, Male connector, straight, M12-Standard, coding: A, free cable end, Front mounting, M16 x 1.5, Single stranded wires, cable length: 0.5 m, 0.25 mm², TPE braided 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)
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Additional Product Information

Key Commercial Data

Orderkey 1436424

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356438377

Weight per Piece (excluding packing) 21.100 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length of cable 0.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

-40 °C ... 85 °C (without mechanical actuation)

Degree of protection IP67

General

Rated current at 40°C 2 A

Rated voltage 30 V

Rated surge voltage 0.8 kV

Number of positions 8

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

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Overvoltage category II

Degree of pollution 3

Connection method Individual wires

Insertion/withdrawal cycles > 100

Torque 3 Nm ... 4 Nm

Mounting type Front mounting M16 x 1.5

Material

Flammability rating according to UL 94 HB

Contact material CuZn

Contact surface material Au

Contact carrier material PA 6.6

Material, knurls PA 6.6

Sealing material Viton

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

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 vol...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-E-M12MS-8CON-M16/0,5 P 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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