

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 1,0-811/M12FS 1099782 PHOENIX CONTACT

Sensor/actuator cable, 5-position, PUR halogen-free, wel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 1,0-811/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 1,0-811/M12FS
Catalog number	1099782
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-BFDB585C6F
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Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, orange RAL 2003, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 1 m

Sensor/actuator cable, 5-pole, halogen-free PUR, solder splash resistant, orange RAL 2003, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 1 m

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data

Orderkey 1099782

Packing unit 1

GTIN 4055626970240

Custom tariff number 85444290

Dimensions

General

Classifications

Ambient conditions

Cable

Dimensions

Length of cable 1 m

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Degree of protection IP65

IP67

IP68

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Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

Overvoltage category II

Degree of pollution 3

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Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange

Cable type (abbreviation) 811

Cable abbreviation LiF9Y11Y

UL AWM style 20549 (80°C/300 V)

Conductor cross section 5x 0.34 mm²

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.55 mm ±0.05 mm (Signal line)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

External sheath, color orange RAL 2003

External cable diameter D 6.9 mm ±0.1 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Number of bending cycles 5000000

Minimum bending radius, drag chain applications 10 x D

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 20 MΩ·km

Conductor resistance approx. 57 Ω/km

Nominal voltage, cable 300 V (Peak value, not for high-power applications)

Test voltage Core/Core 3000 V (Spark test)

Special properties Sheath resista...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 1,0-811/M12FS 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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