

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/0,77-28X/M12FS OD 1042182 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/0,77-28X/M12FS OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/0,77-28X/M12FS OD
Catalog number	1042182
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PE-X, greyish black RAL 7021, M12 straight male connector, coding: coded A, to M12 straight connection female, coding: coded A, cable length: 0.77 m, for outdoor applications, with stainless steel knurling

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)
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Additional Product Information

Key Commercial Data

Orderkey 1042182

Packing unit 1

GTIN 4055626601151

Custom tariff number 85444290

Dimensions

Length of cable 0.77 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

-40 °C ... 85 °C (On sudden changes in temperature (according to IEC 60512-11-4))

General

Rated current at 40°C 4 A

Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Stainless steel
Sealing material FPM
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 V0
Cable
Cable type PE-X black
Cable type (abbreviation) 28X
Cable abbreviation Li2X2X
Conductor cross section $5 \times 0.5 \text{ mm}^2$
AWG signal line 20
Conductor structure signal line $28 \times 0.15 \text{ mm}$
Core diameter including insulation $1.6 \text{ mm} \pm 0.5 \text{ mm}$
Thickness, insulation approx. 0.3 mm (Core insulation)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Length of twist, overall twist 68 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 1.25 mm
External cable diameter $D 6.8 \text{ mm} \pm 0.2 \text{ mm}$
Minimu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/0,77-28X/M12FS OD 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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