

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/0,3-100/M 8FR2LBS 1504987 PHOENIX CONTACT Data cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/0,3-100/M 8FR2LBS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/0,3-100/M 8FR2LBS
Catalog number	1504987
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Data cable

Data cable, Straight M12 connector, coding: A, with 2 LEDs, to Angled female M8, coding: A, with 2 LEDs, cable length: 0.3 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)
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Additional Product Information

Key Commercial Data

Orderkey 1504987

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918848521

Weight per Piece (excluding packing) 21.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.3 m

General

Rated voltage 48 V AC

60 V DC

Coding A - standard
Status display 2 LEDs
Insertion/withdrawal cycles ≥ 100
Cable
Cable type PUR/PVC gray
Cable type (abbreviation) 100
Cable abbreviation LiYY-11Y
Conductor cross section 0.25 mm^2
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.32 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
 $\geq 0.38 \text{ mm}$ (Outer cable sheath)
approx. $3.5 \text{ mm} \pm 0.1 \text{ mm}$ (Inner sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color gray RAL 7001
External cable diameter $D 4.4 \text{ mm} \pm 0.2 \text{ mm}$
Smallest bending radius, fixed installation 22 mm
Smallest bending radius, movable installation 44 mm
Number of bending cycles 2000000
Bending radius 44 mm
Traversing path 5 m
Traversing rate 3 m/s
Cable weight 27 kg/km
Outer sheath, material PUR
Material, inner sheath PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance $\geq 100 \text{ M}\Omega \cdot \text{km}$ (at 20°C)
Conductor resistance max. $78 \text{ m}\Omega/\text{km}$ (at 20°C)
Nominal voltage, cable $\leq 300 \text{ V}$
Test voltage, cable $\geq 3000 \text{ V}$
Flame resistance As per UL-Style 2464
Ambient temperature (operation) $-25^\circ \text{C} \dots 80^\circ \text{C}$ (cable, fixed installation)
 $-5^\circ \text{C} \dots 80^\circ \text{C}$ (cable, flexib...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/0,3-100/M 8FR2LBS 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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