INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X0,3-PUR/M12FS 1077271 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12Y/2X0,3-PUR/M12FS 1077271

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,3-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X0,3-PUR/M12FS
Catalog number	1077271
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-0B08D025BC
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12Y/2X0,3-PUR/M12FS - 1077271
Sensor/Actuator Cable, 3-Pole, M12 Straight Connector, A, A, to M12 Straight Female, A12 Encoding, M12 Straight Female, A-Encoding, Cable Length: 0.3 m
Sensor/actuator cable, 3-pin, halogen-free, grey-black RAL 7021, straight male M12, coding: A, on straight socket M12, coding: A and straight socket M12, coding: A, 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)

Additional Product Information

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded and Socket straight M12, A-coded, cable length: 0.3 m
Key Commercial Data
Orderkey 1077271
Packing unit 1
GTIN 4055626789897
Custom tariff number 85444290
Dimensions
Length of cable 0.3 m

General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
Insulation resistance >= 10 G?
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 3x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter D 3.85 mm ±0.15 mm
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, mo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,3-PUR/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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