INDUSTRIAL COMPONENT DATA

SAC-4P- 3,0-PUR/M12FS BK 1539237 PHOENIX CONTACT Sensor/actuator cable, 4-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-3,0-PUR/M12FS BK

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-3,0-PUR/M12FS BK
Catalog number	1539237
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-E21266BAD3
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Straight female M12, coding: A, cable length: 3 m
Sensor/actuator cable, 4-pole, PUR/PVC, black RAL 9005, free cable end, to M12 straight connection female, coding: A, cable length: 3 m
Sensor/actuator cable, 4-position, free cable end, on Socket straight M12, coding: A, cable length: 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 4
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 250 V
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket straight M12
Number of positions 4
Coding type A
Cable/lineCable length 3 m
PUR/PVC black [350]
Cable weight 39 kg/km
UL AWM Style 20549
Number of positions 4
Shielded no
Cable type PUR/PVC black [350]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 0.34 mm²
Wire diameter incl. insulation 1.5 mm ±0.05 mm
External cable diameter 5.2 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, white, blue, black
Thickness, insulation approx. 0.3 mm (Core insulation)
approx. 0.35 mm (Inner sheath)
>= 0.38 mm (Outer cable sheath)
Overa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-3,0-PUR/M12FS BK 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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