INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/0,2-PUR/FS B FR 1582745 PHOENIX CONTACT Sensor/actuator cable, 3-pole, PUR/PVC, grayish black R..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/0,2-PUR/FS B FR

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/0,2-PUR/FS B FR
Catalog number	1582745
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-97D6ACF69F
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pole, PUR/PVC, grayish black RAL 7021, Straight connector M12, coding: A, to Straight female M12, coding: A, cable length: 0.2 m
Cable for sensors/actuators
Sensor/actuator cable, 3-position, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.2 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 3
No. of cable outlets 1
Shielded no
Coding A
Material specificationsContact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU
Electrical propertiesNominal current IN 4 A
SignalingStatus display No

Status display present No
ConnectorConnection 1
Type Plug straight M12
Coding type A
Connection 2
Type Socket straight M12
Coding type A
Cable/lineCable length 0.2 m
PUR/PVC black [350]
Dimensional drawing
Shielded no
UL AWM Style 20549 / 1729
Cable weight 37 kg/km
Cable type PUR/PVC black
Short symbol LiYY-11Y
Cable type (abbreviation) 350
External cable diameter 5.2 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Thickness, outer sheath >= 0.38 mm (Outer cable sheath)
Material, inner sheath PVC
Inner sheath thickness approx. 0.5 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 42x 0.10 mm
Conductor cross section 0.34 mm²
Material wire insulation PVC
Thickness, insulation >= 0.23 mm (Core insulation)
Wire diameter incl. insulation 1.5 mm ±0.05 mm
Single wire, color brown, blue, black
Overall twist 3 wires, twisted
Length of twist, overall twist 55 mm
Nominal voltage, cable 300 V
Test voltage, cable 3000 V
Cable resistance max. 58 ?/km (at 20 °C)
Cable insulation resistance >= 100 M?*km (at 20 °C)
Smallest bending radius, fixed installation 26 mm
Smallest bending radius, movable installation 52 mm
Flame resistance acco...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/0,2-PUR/FS B FR 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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