INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/ 3,0-PUR P 1442641 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/ 3,0-PUR P



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/ 3,0-PUR P
Catalog number	1442641
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-81779E44C1
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, Angled male connector M12, coding: A, to free cable end, cable length: 3 m, with plastic knurling
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12, coding: A, on free cable end, cable length: 3 m, with plastic knurl

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
Application Standard
Number of positions 5
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
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 PA
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
ConnectorConnection 1
Type Plug angled M12
Number of positions 5
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 33 kg/km
UL AWM Style 20549
Number of positions 5
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 5x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm 0.05 mm (Signal line)
External cable diameter 4.55 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black, green-yellow...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/ 3,0-PUR P 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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