INDUSTRIAL COMPONENT DATA

SAC-4P-M12MR/3,0-PUR/M 8FR 1671580 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/3,0-PUR/M 8FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MR/3,0-PUR/M 8FR
Catalog number	1671580
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-B13BE76EA6
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, halogen-free PUR, grayish black RAL 7021, Angled male connector M12, coding: A, to Angled connection female M8, cable length: 3 m
Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12, coding: A, on Socket angled M8, 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
Application Standard
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 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)
0.2 Nm (M8 connectors)
ConnectorConnection 1
Type Plug angled M12
Number of positions 4
Coding type A
Connection 2
Type Socket angled M8
Number of positions 4
Coding type A
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 23 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 4x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm (Signal line)
External cable diameter 3.95 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 70...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/3,0-PUR/M 8FR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.