INDUSTRIAL COMPONENT DATA

SAC-3P-P12MR/ 3,0-PUR SH 1476800 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-P12MR/ 3,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-P12MR/ 3,0-PUR SH
Catalog number	1476800
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-3F1EA4BFCB
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), M12 Push-pull angled connector, coding: A, to free cable end, cable length: 3 m
Cable for sensors/actuators
Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug angled M12 Push Pull, coding: A, connected with unwired, on free cable end, 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 3
Application Standard
No. of cable outlets 1
Shielded yes
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsMaterial PK
Flammability rating according to UL 94 V0

Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Outer sheath, material PUR
Conductor material Bare Cu litz wires
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Protective circuit unwired
Max. conductor resistance 58 ?/m
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
Max. bending cycles 10000000
SignalingStatus display No
Status display present No
Connection dataConductor connection
Tightening torque M12 push-pull connectors
ConnectorConnection 1
Type Plug angled M12 Push Pull
Number of positions 3
Locking type Push Pull
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Cable weight 31 kg/km
UL AWM Style 20549
Number of positions 3
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 3x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 4.65 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-P12MR/ 3,0-PUR SH 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.