INDUSTRIAL COMPONENT DATA

# SAC-3P-P12MS/ 1,5-PUR/P12FR SH 1224014 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, grey..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-P12MS/ 1,5-PUR/P12FR SH**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-3P-P12MS/ 1,5-PUR/P12FR SH |
| Catalog number | 1224014 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-58D35B87F6 |
| Generated | 2026-11-18 |

## Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), Straight M12 Push-pull connector, coding: A, a Female angled M12 Push-pull, coding: A, cable length: 1.5 m
Sensor/Actuator Cable, Halogen-Free 3-Pole, Shielded (Advanced Shielding Technology), M12 Straight Connector, Coding: A Push-pull, A M12 Elbowed Female, Coding: A Push-pull, Cable Length: 1.5 m
Sensor/actuator cable, 3-position halogen-free, shielded (Advanced Shielding Technology), Plug straight M12 Push Pull, coding: A, on Socket angled M12 Push Pull, coding: A, cable length: 1.5 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 dataMountingConnection method Push-Pull
Product 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 specificationsFlammability rating according to UL 94 V0
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
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
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
Connection dataConnection technology
Connection method Push-Pull
Conductor connection
Connection method Push-Pull
Tightening torque M12 push-pull connectors
ConnectorConnection 1
Type Plug straight M12 Push Pull
Number of positions 3
Locking type Push Pull
Coding type A
Connection 2
Type Socket angled M12 Push Pull
Number of positions 3
Locking type Push Pull
Coding type A
Cable/lineCable length 1.5 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 m...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-P12MS/ 1,5-PUR/P12FR 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.