INDUSTRIAL COMPONENT DATA

SAC-4P-P12MS/ 1,5-PUR/P12FR SH 1224179 PHOENIX CONTACT Sensor/Actuator Cable, Halogen-Free 4-Pole, Shielded ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-P12MS/ 1,5-PUR/P12FR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-P12MS/ 1,5-PUR/P12FR SH
Catalog number	1224179
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1DCE262E2A
Generated	2026-11-19

Product Overview

Sensor/Actuator Cable, Halogen-Free 4-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, 4-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 4
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
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
ConnectorConnection 1
Type Plug straight M12 Push Pull
Number of positions 4
Locking type Push Pull
Coding type A
Connection 2
Type Socket angled M12 Push Pull
Number of positions 4
Locking type Push Pull
Coding type A
Cable/lineCable length 1.5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 36 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 4.95 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-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.