INDUSTRIAL COMPONENT DATA

SAC-5P- 3,0-PUR/P12FR SH 1476886 PHOENIX CONTACT Sensor/actuator cable, 5-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-PUR/P12FR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-3,0-PUR/P12FR SH
Catalog number	1476886
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-568612578E
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), Elbowed female M12 Push-pull, coding: A, to free cable end, cable length: 3 m
Sensor/Actuator Cable, 5-Pole, Halogen-Free PUR, Greyish Black RAL 7021, Shielded (Advanced Shielding Technology), M12 Push-Pull Elbowed Connection Female, Coding: A, To Free Cable End, Cable Length: 3 m
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Socket 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 dataMountingConnection method Push-Pull
Product propertiesProduct type Sensor/actuator cable
Number of positions 5
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
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 ?/km
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
Max. bending cycles 10000000
SignalingStatus display No
Status display present No
Connection dataConnection technology
Connection method Push-Pull
Conductor connection
Connection method Push-Pull
ConnectorConnection 1
Type Socket angled M12 Push Pull
Number of positions 5
Locking type Push Pull
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 43 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 5
Shielded yes
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 ±0.02 mm (Signal line)
External cable diameter 5.25 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-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.