INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PUR/P12FS SH 1476791 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-PUR/P12FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-PUR/P12FS SH
Catalog number	1476791
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-49B81C8199
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), free cable end, to Straight female M12 Push-pull, coding: A, cable length: 5 m
Cable for sensors/actuators

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 dataItem PropertiesProduct Type Sensor/Actuator Cables
Number of poles 3
application Standard
Number of Cable Outlets 1
Shielded Yes
Codification to
Insulation Properties
Surge Category Ii
Degree of pollution 3
Material DataMaterial PA
Flammability class according to UL 94 V0
Grip body material Fire-resistant, self-extinguishing TPU
Contact material CuSn

Material: Contact Surface Ni/AU
Outer Wrap, Material PUR
Conductive Material Naked Cu Conductor
Electrical PropertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal Current IN 4 A
Protection Circuit Unplugged
Max. Conductor Resistance 58 ?/m
Mechanical PropertiesMechanical data
Plug Cycles >= 100
Max. bending cycles 10000000
SignageStatus Indication No
Available Status Indication No
Connection dataConnecting Conductors
Tightening torque M12 Push-Pull Connectors
ConnectorsConnection 1
Construction Free Cable End
Connection 2
Construction Straight Female M12 Push-pull
Number of poles 3
Locking system Push-pull
Encoding Type to
Cable/LineCable length 5 m
Halogen-free PUR Black [PUR]
Cable Weight 31 kg/km
UL AWM Style 20549
Number of poles 3
Shielded Yes
Cable type Halogen-free PUR Black [PUR]
Conductor Construction Signal Cable 42x 0.10 mm
AWG Signal Line 22
Line Section 3x 0.34 mm² (signal conductor)
Conductor diameter incl. insulation 1.27 mm ±0.02 mm (signal conductor)
Cable Outer Diameter 4.65 mm ±0.15 mm
Outer Wrap, Material PUR
Outer Wrap, Color greyish black RA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-PUR/P12FS 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

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