INDUSTRIAL COMPONENT DATA

SAC-5P-P12MS/ 1,5-PUR/P12FR SH 1224252 PHOENIX CONTACT Sensor/actuator cable, 5-pole, halogen-free PUR, grey..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-P12MS/ 1,5-PUR/P12FR SH
Catalog number	1224252
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-E3D768EC5F
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 Push-pull straight connector, coding: A, a Female angled M12 Push-pull, coding: A, cable length: 1.5 m
Sensor/Actuator Cable, Halogen-Free 5-Pole, Shielded, M12 Straight Connector, Coding: A Push-pull, A M12 Angled Female, Coding: A Push-pull, Cable Length: 1.5 m
Sensor-actuator cable, 5-pin halogen-free, shielded, straight M12 Push-Pull plug, coding: A, on angled M12 Push-Pull socket, 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 dataMontageLink Push-Pull
Article featuresProduct Type Sensor/Actuator Cable
No. of poles 5
Application Standard
Number of cable outlets 1
Shielded Yes
Coding at
Insulation characteristics

Overvoltage Category II
Degree of pollution 3
Material informationCombustibility class according to UL 94 V0
Electrical characteristicsMass Resistivity <= 5 m?
Insulation Resistance >= 100 M?
Rated voltage UN 48 V AC
60 V DC
Rated Current IN 4 A
Protection Circuit without circuit
Mechanical characteristicsMechanical data
Manoeuvring cycles >= 100
SignallingStatus Reporting no
Available Status Indication no
Connection dataConnection technology
Link Push-Pull
Conductor connection
Link Push-Pull
ConnectorsConnection 1
type M12 Straight Push-Pull Male
No. of poles 5
Clamping Type Push-Pull
Encoding Type at
Connection 2
type M12 Push-Pull Angled Receptacle
No. of poles 5
Clamping Type Push-Pull
Encoding Type at
Cable/LineCable Length 1.5 m
Halogenated free PUR black [PUR]
Dimensioned Drawing
Line Weight 43 kg/km
UL AWM Style 20549 / 10493 (80 °C / 300 V)
No. of poles 5
Shielded Yes
Cable Type Halogenated free PUR black [PUR]
Line Signal Conductor Structure 42x 0.10 mm
AWG Signal Line 22
Conductor cross-section 5x 0.34 mm² (Signal Line)
Wire diameter with insulating sheath 1.27 mm ±0.02 mm (Signal line)
Conductor Outer Diameter 5.25 mm ±0.2 mm
Outer Sheath, Material WHILE
Outer sheath, color grey-black RAL 7021
Conductor material Bare Cu Wire
Material, Wire Insulation PP
Single conductor,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-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

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