INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,5-PUR/M 8FS 1X4 1105823 PHOENIX CONTACT Sensor/actuator cable, 3-position, PUR halogen-free, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,5-PUR/M 8FS 1X4

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,5-PUR/M 8FS 1X4
Catalog number	1105823
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5A63D10CC9
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M8, cable length: 0.3 m, Customer version
Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, coding: A, to M8 straight connection female, cable length: 0.3 m, Customer variant

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

Key Commercial Data
Orderkey 1105823
Packing unit 1
GTIN 4055626990361
Custom tariff number 85444290
Drawings
Ambient conditions
Cable
Classifications
Dimensions

General
Environmental Product Compliance
Drawings
Cable cross section
PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 0.3 m
Back to topAmbient conditions
Degree of protection IP65
IP67
IP68
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
0.2 Nm
Back to topCable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 3x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Length of twist, overall twist 40 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter D 3.6 mm ±0.15 mm
Smallest bending radius, fixed installation 18 mm
Smallest bending radius, movable installation 36 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 18 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires

Insulation resistance >= 100 G?*km (at 20 °C)

Cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,5-PUR/M 8FS 1X4 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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