INDUSTRIAL COMPONENT DATA

SAC-4P-M8MS/ 3,0-PUR/M12FS SH 1427971 PHOENIX CONTACT Sensor/actuator cable, 4-pole, halogen-free PUR, greyi..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M8MS/ 3,0-PUR/M12FS SH

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M8MS/ 3,0-PUR/M12FS SH
Catalog number	1427971
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-55E5976EDD
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, M8 straight connector, coding: A, to M12 straight female, cable length: 3 m
Sensor/actuator cable, 4-position halogen-free, shielded, Plug straight M8, coding: A, on Socket straight M12, 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 dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 4
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 HB
Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type Plug straight M8
Number of positions 4
Coding type A
Connection 2
Type Socket straight M12
Number of positions 4
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 31 kg/km
UL AWM Style 20549
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 4x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm (Signal line)
External cable diameter 4.7 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Overall twist 4 wires, twisted
Optical shield coverin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M8MS/ 3,0-PUR/M12FS 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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