INDUSTRIAL COMPONENT DATA

SAC-4P-M12FS/ 0,4-PUR/M12FS SH 1420031 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12FS/ 0,4-PUR/M12FS SH ..

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

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12FS/ 0,4-PUR/M12FS SH
Catalog number	1420031
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-52FF049824
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12FS/ 0,4-PUR/M12FS SH - 1420031
Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, Straight connection female M12, coding: A, a Straight connection female M12, coding: A, cable length: 0.4 m
Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Socket straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.4 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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Socket straight M12
Number of positions 4
Coding type A
Connection 2
Type Socket straight M12
Number of positions 4
Coding type A
Cable/lineCable length 0.4 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 36 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 4.95 mm ±0.2 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, bla...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12FS/ 0,4-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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