INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,45-PUR/FS 1X3 1630782 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, greyis..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,45-PUR/FS 1X3



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,45-PUR/FS 1X3
Catalog number	1630782
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-02FB8D1249
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, coding: A, to Straight female M12, coding: A, cable length: 1.45 m
Cable for sensors/actuators
Sensor/actuator cable, 3-position, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 1.45 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 3
No. of cable outlets 1
Shielded no
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 propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
Connection dataPin assignment
Contact | Color (signal designation) | Contact (optional) 3 (Plug) | BU | 1 (Socket)
1 (Plug) | BN | 3 (Socket)
4 (Plug) | BK | 4 (Socket)
ConnectorConnection 1
Type Plug straight M12
Number of positions 3
Coding type A
Connection 2
Type Socket straight M12
Number of positions 3
Coding type A
Cable/lineCable length 1.45 m
PUR halogen-free black [PUR]
Dimensional drawing
Shielded no
UL AWM Style 20549
Cable weight 23 kg/km
Cable type PUR halogen-free black
Short symbol Li9Y11Y
Cable type (abbreviation) PUR
External cable diameter 3.85 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Conductor structure signal line 42x 0.10 mm
AWG....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,45-PUR/FS 1X3 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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