INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 1,5-240/BI 1548100 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, yellow, M1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 1,5-240/BI



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 1,5-240/BI
Catalog number	1548100
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-DF15609E4E
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, yellow, M12 straight connector, coding: A, to BI valve connector (11 mm), cable length: 1.5 m, Customer variant
Sensor/Actuator Cable, Halogen-Free 3-Pole, M12 Straight Connector, Coding: A, A BI Valve Connectors (11mm), Cable Length: 1.5 m, Customer Variant
Sensor/actuator cable, 3-position halogen-free, Plug straight M12, coding: A, on Valve connector BI (11 mm), cable length: 1.5 m, Customer version

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 with valve connector
Number of positions 3
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material TPU

Material housing valve plug TPU
Material of grip body TPU
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Contact material CuSn
Valve plug contact insert material PA 6.6
Contact surface material Sn
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100 (M12 connector)
ConnectorConnection 1
Type Plug straight M12
Number of positions 3
Coding type A
Connection 2
Type Valve connector BI (11 mm)
Number of positions 3
Material CuSn (Contact)
Sn (Contact surface)
PA 6.6 (Contact carriers)
TPU (Housing)
Cable/lineCable length 1.5 m
PUR halogen-free yellow [240]
Dimensional drawing
Shielded no
UL AWM Style 20549 (80°C/300 V)
Cable weight 30 kg/km
Cable type PUR halogen-free yellow
Short symbol Li9Y11Y
Cable type (abbreviation) 240
External cable diameter 4.5 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color yellow
Thickness, outer sheath approx. 0.6 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 1,5-240/BI 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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