INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 1,2-240/BI 1548096 PHOENIX CONTACT Sensor/actuator cable, 3-pole, halogen-free PUR, yellow, M1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 1,2-240/BI



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 1,2-240/BI
Catalog number	1548096
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-BAEB9528AC
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: 1.2 m, Customer variant
Sensor/Actuator Cable, Halogen-Free 3-Pole, M12 Straight Connector, Coding: A, A BI Valve Connectors (11mm), Cable Length: 1.2 m, Customer Variant
Sensor-actuator cable, 3-pin halogen-free, straight male M12, coding: A, on BI valve connector (11 mm), cable length: 1.2 m, Custom 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

Technical dataArticle featuresProduct Type Sensor/actuator cable with valve connectors
No. of poles 3
Number of cable outlets 1
Shielded no
Coding at
Insulation characteristics
Overvoltage Category Iii
Degree of pollution 3
Material informationCombustibility class according to UL 94 HB
Gasket material TPU

Valve connector housing material TPU
Grip material TPU
Contact Material CuSn
Contact Surface Material Ni/Au
Contact Insert Material TPU GF
Contact Material CuSn
Material valve connector contact insert PA 6.6
Contact Surface Material Sn
Screw connection material Zinc die casting, nickel-plated
Electrical characteristicsMass Resistivity <= 5 m?
Insulation Resistance >= 100 M?
Rated voltage UN 48 V AC
60 V DC
Rated Current IN 4 A
Mechanical characteristicsMechanical data
Manoeuvring cycles >= 100 (M12 connector)
ConnectorsConnection 1
type Straight Male M12
No. of poles 3
Encoding Type at
Connection 2
type BI valve connector (11 mm)
No. of poles 3
Material CuSn (Contact)
Sn (Contact surface)
PA 6.6 (Contact Carrier)
TPU (Case)
Cable/LineCable Length 1.2 m
Halogenated PUR yellow [240]
Dimensioned Drawing
Shielded no
UL AWM Style 20549 (80 °C / 300 V)
Line Weight 30 kg/km
Cable Type Halogenated PUR yellow
Acronym Li9Y11Y
Cable type (abbreviation) 240
Conductor Outer Diameter 4.5 mm ±0.15 mm
Outer Sheath, Material WHILE
Outer sheath, color Yellow
Outer sheath wall thickness approx. 0.6 mm
Conductor material Bare Cu Wire
Line Signal Conductor Structure 28x 0.15 mm
AWG Signal Line 20....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 1,2-240/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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