INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,7-240/CI 1548342 PHOENIX CONTACT Sensor/Actuator Cable, 3-Pole, Halogen-Free PUR, Yellow, IC ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,7-240/CI



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,7-240/CI
Catalog number	1548342
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-7AB69A12DF
Generated	2026-11-18

Product Overview

Sensor/Actuator Cable, 3-Pole, Halogen-Free PUR, Yellow, IC Valve Connector (9.4 mm), Cable Length: 1.5 m, Customer Variant

Sensor/actuator cable, 3-position halogen-free, Valve connector CI (9.4 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 2
Head design Valve connector
Head thread type CI (9.4 mm)
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 28x 0.15 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Material wire insulation PP
Thickness, insulation >= 0.21 mm
Wire diameter incl. insulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,7-240/CI 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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