INDUSTRIAL COMPONENT DATA

# SAC-3P-M 8MS/0,3-PUR/M12FR 1682346 PHOENIX CONTACT Sensor/actuator cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/0,3-PUR/M12FR**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-3P-M 8MS/0,3-PUR/M12FR |
| Catalog number | 1682346 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-3938BDDEC6 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole halogen-free, M8 straight connector, coding: A, to Elbow female M12, coding: A, cable length: 0.3 m
Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on Socket angled M12, coding: A, cable length: 0.3 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable
Application Standard
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 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
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
0.2 Nm (M8 connectors)
ConnectorConnection 1
Type Plug straight M8
Number of positions 3
Coding type A
Connection 2
Type Socket angled M12
Number of positions 3
Coding type A
Cable/lineCable length 0.3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 18 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 3
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 3x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 3.60 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/0,3-PUR/M12FR 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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