INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MRB/ 3,0-PUR/M12FRB 1126381 PHOENIX CONTACT Sensor/actuator cable, 5-pos., PUR, halogen free, blac..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRB/ 3,0-PUR/M12FRB**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-5P-M12MRB/ 3,0-PUR/M12FRB |
| Catalog number | 1126381 |
| Category | Sensor-actuator patch cord |
| Minimum order | 100 Pcs |
| Document ID | EO-2F4D924B86 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable, 5-pos., PUR, halogen free, black-gray RAL 7021, angled M12 plug, B-coded, to angled M12 socket, B-coded, cable length: 1.5 m
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, Angled male connector M12, to Angled connection female M12, cable length: 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

Key Commercial Data
Orderkey 1126381
Packing unit 1
GTIN 4063151052485
Custom tariff number 85444290
Drawings
General
Standards and Regulations
Classifications
Dimensions

Material
Cable
Drawings
Dimensional drawing
M12 x 1 male plug, angled
Dimensional drawing
M12 x 1 socket, angled
Circuit diagram
Contact assignment of the M12 plug and the M12 socket
Back to topDimensions
Length of cable 3 m
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
Coding B - inverse
Status display No
Overvoltage category II
Degree of pollution 3
Back to topMaterial
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Back to topStandards and Regulations
Flammability rating according to UL 94 HB
Back to topCable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
UL AWM style 20549
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation approx. 0.5 mm
Wire colors brown, white, blue, black, green-yellow
External sheath, color black-gray RAL 7021
External cable diameter D 4.55 mm ±0.15 mm
Smallest bending radius, fixed installation 23 mm
Smallest bending radius, mova...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRB/ 3,0-PUR/M12FRB 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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