

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/0,8-PUR/M12FR SH5 1069599 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-5P-M12MS/0,8-PUR/M12FR SH5 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/0,8-PUR/M12FR SH5



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/0,8-PUR/M12FR SH5 |
| Catalog number  | 1069599                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-67D87FB194                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-5P-M12MS/0,8-PUR/M12FR SH5 - 1069599

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, cable length: 0.8 m, Display to PIN5

**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

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A-coded, on Socket angled M12, A-coded, cable length: 0.8 m, Shield on PIN5

Key Commercial Data

Orderkey 1069599

Packing unit 1

GTIN 4055626746241

Custom tariff number 85444290

Dimensions

Length of cable 0.8 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

Insulation resistance  $\geq 100 \text{ M}\Omega$ 

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$ 

Material

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

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y-V1-C-V1-11Y

UL AWM style 20549 / 10493 (80°C/300 V)

Conductor cross section  $4 \times 0.34 \text{ mm}^2$  (Signal line)

AWG signal line 22

Conductor structure signal line  $42 \times 0.10 \text{ mm}$ Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)Thickness, insulation  $\geq 0.21 \text{ mm}$ 

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

Shielding Tinned copper braided shield

Optical shield covering 80 %

External sheath, color black-gray RAL 7021

Outer sheath thickness appr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/0,8-PUR/M12FR SH5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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