INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MS/ 0,6-PUR/M12MS SH 1420028 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/ 0,6-PUR/M12MS SH ..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 0,6-PUR/M12MS SH**

PRODUCT IMAGE\nNOT AVAILABLE

| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-8P-M12MS/ 0,6-PUR/M12MS SH |
| Catalog number | 1420028 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-576081E3E1 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable - SAC-8P-M12MS/ 0,6-PUR/M12MS SH - 1420028
Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, encoding: A, a M12 straight male connector, coding: A, cable length: 0.6 m
Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on Plug straight M12, coding: A, cable length: 0.6 m

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
Number of positions 8
No. of cable outlets 1
Shielded yes
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 CuZn
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 30 V AC
30 V DC
Nominal current IN 2 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Plug straight M12
Number of positions 8
Coding type A
Connection 2
Type Plug straight M12
Number of positions 8
Coding type A
Cable/lineCable length 0.6 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 53 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 8
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 8x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 5.90 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, green, yellow, gray, pink,....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 0,6-PUR/M12MS SH 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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