

## INDUSTRIAL COMPONENT DATA

**SAC-8P-20,0-PUR/M 8FS SH 1420020 PHOENIX CONTACT**  
**Sensor/actuator cable SAC-8P-20,0-PUR/M 8FS SH 1420020**

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-20,0-PUR/M 8FS SH



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-8P-20,0-PUR/M 8FS SH   |
| Catalog number  | 1420020                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-57F75DEE3E              |
| Generated       | 2026-08-06                 |

**Product Overview**

Sensor/actuator cable - SAC-8P-20,0-PUR/M 8FS SH - 1420020

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to M8 straight connection female, cable length: 20 m

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, free cable end, on Socket straight M8, coding: A, cable length: 20 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 &gt; 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

Data management status

Article revision 01

Insulation characteristics

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  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 30 V AC  
30 V DC  
Nominal current IN 1.5 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
ConnectorConnection 1  
Type free cable end  
Connection 2  
Type Socket straight M8  
Number of positions 8  
Coding type A  
Cable/lineCable length 20 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 45 kg/km  
UL AWM Style 20549  
Number of positions 8  
Shielded yes  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 18x 0.10 mm  
AWG signal line 26  
Conductor cross section 8x 0.14 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1 mm  $\pm 0.02 \text{ mm}$  (Signal line)  
External cable diameter 5.90 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material, filler PE  
Material wire insulation PP  
Single wire, color white, brown, green, yellow, gray, pink, blue, re...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-20,0-PUR/M 8FS SH 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

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