

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-20,0-PUR/M12FR BK 1543508 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-20,0-PUR/M12FR BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-20,0-PUR/M12FR BK   |
| Catalog number  | 1543508                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-3B4389AB23              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Elbow connection female M12, 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 > Industrial Field Connectivity (IFC)**

### Additional Product Information

Key Commercial Data

Orderkey 1543508

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

GTIN 4046356096997

Weight per Piece (excluding packing) 1,036.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 20 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65  
IP67  
IP68  
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/PVC black  
Cable type (abbreviation) 350  
Cable abbreviation LiYY-11Y  
UL AWM style 20549  
Conductor cross section  $0.34 \text{ mm}^2$   
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.5 \text{ mm} \pm 0.05 \text{ mm}$   
Thickness, insulation approx.  $0.3 \text{ mm}$  (Core insulation)  
approx.  $0.35 \text{ mm}$  (Inner sheath)  
 $\geq 0.38 \text{ mm}$  (Outer cable sheath)  
Wire colors brown, white, blue, black, green-yellow  
Overall twist 5 wires around filler to the core  
External sheath, color black-gray RAL 7021  
External cable diameter D 5....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-20,0-PUR/M12FR BK 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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