

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-20,0-28X/M12FS SH OD 1544957 PHOENIX CONTACT Sensor/Actuator Cable, 4-Pole, Shielded, Free Cable End,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-28X/M12FS SH OD



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-4P-20,0-28X/M12FS SH OD |
| Catalog number  | 1544957                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 25 Pcs                      |
| Document ID     | EO-A0D0B80D64               |
| Generated       | 2026-08-05                  |

## Product Overview

Sensor/Actuator Cable, 4-Pole, Shielded, Free Cable End, to Straight Female M12, Coding: A, Cable Length: 20 m, Outdoor Applications, Stainless Steel Knurled

Sensor/actuator cable, 4-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, free cable end, to M12 straight connection female, cable length: 20 m, for outdoor applications, with stainless steel knurling

Sensor/actuator cable, 4-position halogen-free, shielded, free cable end, on Socket straight M12, coding: A, cable length: 20 m, for outdoor applications, with high-grade steel knurl

**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 4

Application External areas

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0

Seal material FPM

Material of grip body PP  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PP  
Material for screw connection Stainless steel  
Electrical propertiesContact resistance  $\leq 5 \text{ m}\Omega$   
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Protective circuit unwired  
SignalingStatus display No  
Status display present No  
ConnectorConnection 1  
Type free cable end  
Connection 2  
Type Socket straight M12  
Number of positions 4  
Coding type A  
Cable/lineCable length 20 m  
PE-X black [28X]  
Dimensional drawing  
Shielded yes  
Cable weight 74 kg/km  
Cable type PE-X black  
Short symbol Li2X2X-C-VI-2X  
Cable type (abbreviation) 28X  
External cable diameter 6.8 mm  $\pm 0.2 \text{ mm}$   
Outer sheath, material PE-X  
External sheath, color black-gray RAL 7021  
Material, inner sheath PE-X  
Conductor material Bare Cu litz wires  
Conductor structure signal line 28x 0.15 mm  
AWG signal line 20  
Conductor cross section 4x 0.5 mm<sup>2</sup> (Signal line)  
Material wire insulation PE-X  
Thickness, insulation approx. 0.3 mm (Core insulation)  
Wire diameter incl. insulation 1.6 mm  $\pm 0.05 \text{ mm}$  (Signal line)  
Single wire, color brown, white, blue, black  
Overall twist 4 wires, twisted  
Length of twist, overall twist 1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-28X/M12FS SH OD 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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