

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MSS/5,0-PUR/FSSPESH 1423654 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSS/5,0-PUR/FSSPESH



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-4P-M12MSS/5,0-PUR/FSSPESH |
| Catalog number  | 1423654                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-27246F14BB                 |
| Generated       | 2026-08-05                    |

## Product Overview

Power cable

Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), M12 straight connector, encoding: S, to M12 straight female, coding: S, cable length: 5 m, for alternating current up to 12 A/690 V

Power cable, 4-position, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), Plug straight M12, coding: S, on Socket straight M12, coding: S, cable length: 5 m, for AC current up to 12 A/690 V

**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 Power cable

Application Power supply

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding S

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0

Material of grip body PP

Contact material CuZn  
Contact surface material Ni/Au  
Contact carrier material PA  
Material for screw connection Zinc die-cast, nickel-plated  
Electrical properties Insulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 690 V AC  
Nominal current IN 12 A  
Mechanical properties Mechanical data  
Insertion/withdrawal cycles  $> 100$   
Connector Connection 1  
Type Plug straight M12  
Coding type S (Power)  
Connection 2  
Type Socket straight M12  
Coding type S (Power)  
Cable/line Cable length 5 m  
PUR halogen-free orange shielded [PUR]  
Dimensional drawing  
UL AWM Style 20234 / 10492 (80°C/1000 V)  
Number of positions 4  
Shielded yes  
Cable type PUR halogen-free orange shielded [PUR]  
Conductor cross section  $4 \times 1.5 \text{ mm}^2$   
Wire diameter incl. insulation  $\leq 2.5 \text{ mm}$   
External cable diameter  $9.70 \text{ mm} \pm 0.3 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color orange RAL 2003  
Conductor material Bare Cu litz wires  
Material wire insulation PP  
Single wire, color black 1, black 2, black 3, green/yellow  
Thickness, insulation 0.40 mm  
Thickness, outer sheath 1.20 mm  
Overall twist 4 wires optimally twisted  
Max. conductor resistance  $\leq 13.3 \text{ m}\Omega/\text{km}$  (at 20 °C)  
Insulation resistance  $\geq 10 \text{ M}\Omega \cdot \text{km}$  (at 20 °C)  
Nominal voltage, cable 1000 V A...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSS/5,0-PUR/FSSPESH 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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