INDUSTRIAL COMPONENT DATA

# SAC-4P-10,0-PUR/M12FRS PE 1408854 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-10,0-PUR/M12FRS PE**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-10,0-PUR/M12FRS PE |
| Catalog number | 1408854 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-CEDF8FA361 |
| Generated | 2026-11-19 |

## Product Overview

Power cable
Power cable, 4-pole halogen-free, free cable end, to Angled Female M12, coding: S, cable length: 10 m, for alternating current up to 12 A/690 V
Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, coding: S, cable length: 10 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

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|---|---|
| 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 no
Coding S
Data management status
Article revision 08
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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 690 V AC
Nominal current IN 12 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Coding type S (Power)
Cable/lineCable length 10 m
PUR halogen-free black [PUR]
Cable weight 92 kg/km
UL AWM Style 80°C/1000 V
Number of positions 4
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor cross section 4x 1.5 mm²
Wire diameter incl. insulation 2.35 mm ±0.05 mm
External cable diameter 7.40 mm ±0.25 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 black 1, black 2, black 3, green/yellow
Thickness, insulation >= 0.31 mm
Thickness, outer sheath approx. 0.85 mm
Overall twist 4 wires, twisted
Max. conductor resistance <= 14.1 ?/km (at 20 °C)
Insulation resistance >= 1 G?*km (at 20 °C)
Nominal voltage, cable <= 1000 V AC
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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-10,0-PUR/M12FRS PE 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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