INDUSTRIAL COMPONENT DATA

# SAC-6P- 1,5-PVC/M12FRM PE SH 1414904 PHOENIX CONTACT Power cable, 6-position, PVC, orange RAL 2003, shielded..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-1,5-PVC/M12FRM PE SH**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-6P-1,5-PVC/M12FRM PE SH |
| Catalog number | 1414904 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-919CD0CAE9 |
| Generated | 2026-11-19 |

## Product Overview

Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), Socket angled M12, M-coded, on free cable end, cable length: 1.5 m, For AC current up to 8 A/690 V
Power cable, 6-pole, shielded (Advanced Shielding Technology), free cable end, to Elbow Female M12, coding: M, cable length: 1.5 m, for AC current up to 8 A/690 V
Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), free cable end, on Socket angled M12, coding: M, cable length: 1.5 m, for AC current up to 8 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 6
No. of cable outlets 1
Shielded yes
Coding M
Data management status
Article revision 04

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 8 A
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Coding type M (Power)
Cable/lineCable length 1.5 m
PVC orange [PVC]
Dimensional drawing
Cable weight 192 kg/km
UL AWM Style 2570 / 10914 (80°C/1000 V)
Number of positions 6
Shielded yes
Cable type PVC orange [PVC]
Conductor cross section 6x 1.5 mm²
Wire diameter incl. insulation 2.4 mm ±0.05 mm
External cable diameter 10.40 mm ±0.25 mm
Outer sheath, material PVC
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color black 1, black 2, black 3, black 4, black 5, green/yellow
Thickness, insulation >= 0.36 mm
Thickness, outer sheath approx. 0.76 mm
Max. conductor resistance <= 15 ?/m (at 20 °C)
Insulation resistance >= 100 M?*km (at 20 °C)
Nominal voltage, cable <= 1000 V AC
Test voltage >= 10000 V AC (Spark test)
Minimum bending radius, fixed install...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-1,5-PVC/M12FRM PE SH 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.