

**INDUSTRIAL COMPONENT DATA**

# SAC-6P-M12MRM/ 5,0-PVC PE 1414943 PHOENIX CONTACT

## Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MRM/ 5,0-PVC PE



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-6P-M12MRM/ 5,0-PVC PE  |
| Catalog number  | 1414943                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-75987426F2              |
| Generated       | 2026-08-02                 |

## Product Overview

Power cable

Power cable, 6-pole, M12 angled connector, coding: M, to free cable end, cable length: 5 m, for alternating current up to 8 A/690 V

Power cable, 6-pole, PVC, grey-black RAL 7021, angled male connector M12, encoding: M, on free end, cable length: 5 m, for alternating 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

Key Commercial Data

Orderkey 1414943

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626035703

Weight per Piece (excluding packing) 874.720 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 8 A

Rated voltage 690 V AC

Number of positions 6

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding M - Power

Standards/regulations M12 connector IEC 61076-2-111

Status display No

Protective circuit/component unwired

Overvoltage category III

Degree of pollution 3

Torque 0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94 V0

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA

Material of grip body PA

Material, knurls Zinc die-cast, nickel-plated

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-111

Flammability rating according to UL 94 V0

Cable

Cable type PVC

Cable type (abbreviation) PVC

UL AWM style 2570 / 10914 (80°C/1000 V)

Conductor cross section  $6 \times 1.5 \text{ mm}^2$

AWG power supply 16

Conductor structure, voltage supply  $78 \times 0.15 \text{ mm}$

Core diameter including insulation  $2.4 \text{ mm} \pm 0.05 \text{ mm}$

Thickness, insulation  $\geq 0.36 \text{ mm}$

Wire colors black 1, black 2, black 3, black 4, black 5, green/yellow

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.76 mm

External cable diameter  $D 9.75 \text{ mm} \pm 0.25 \text{ mm}$

Mini...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MRM/ 5,0-PVC PE 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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