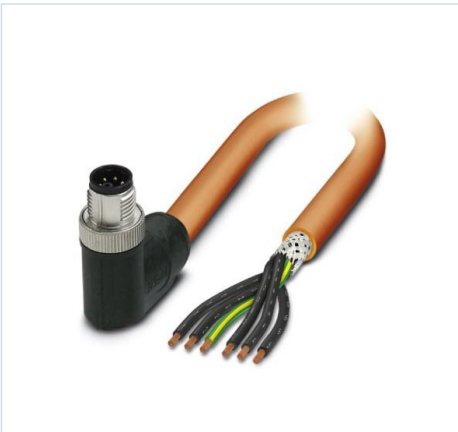


**INDUSTRIAL COMPONENT DATA**

# SAC-6P-M12MRM/ 3,0-PVC PE SH 1414940 PHOENIX CONTACT Power cable, 6-position, PVC, orange RAL 2003, shielded..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MRM/ 3,0-PVC PE SH



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-6P-M12MRM/ 3,0-PVC PE SH |
| Catalog number  | 1414940                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-D1A4DED152                |
| Generated       | 2026-08-05                   |

## Product Overview

Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), Plug angled M12, M-coded, on free cable end, cable length: 3 m, For AC current up to 8 A/690 V

Power cable, 6-pole, shielded (Advanced Shielding Technology), M12 angled connector, coding: M, to free cable end, cable length: 3 m, for AC 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 1414940

Packing unit 1 pc

Catalog page Page 299 (C-2-2019)

GTIN 4055626035673

Weight per Piece (excluding packing) 620.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Drawings

Ambient conditions

[Material](#)  
[Cable](#)  
[Classifications](#)  
[Dimensions](#)  
[General](#)  
[Standards and Regulations](#)  
[Environmental Product Compliance](#)  
[Drawings](#)  
[Diagram](#)  
[Current carrying capacity](#)  
[Dimensional drawing](#)  
[M12 x 1 male plug, angled](#)  
[Circuit diagram](#)  
[Contact assignment of the M12 plug](#)  
[Schematic diagram](#)  
[Pin assignment of M12 connector, 6-pos., M-coded, pin side view](#)  
[Cable cross section](#)  
[PVC \[PVC\]](#)  
[Back to top](#)[Dimensions](#)  
[Length of cable 3 m](#)  
[Back to top](#)[Ambient conditions](#)  
[Ambient temperature \(operation\) -25 °C ... 85 °C \(Plug / socket\)](#)  
[Degree of protection IP65](#)  
[IP67](#)  
[Back to top](#)[General](#)  
[Rated current at 40°C 8 A](#)  
[Rated voltage 690 V AC](#)  
[Number of positions 6](#)  
[Insulation resistance >= 100 M?](#)  
[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 \(M12 connector\)](#)  
[Back to top](#)[Material](#)  
[Flammability rating according to UL 94 V0](#)  
[Contact material CuZn](#)  
[Contact surface material Ni/Au](#)  
[Contact carrier material PA](#)  
[Material of grip body PP](#)  
[Material, knurls Zinc die-cast, nickel-plated](#)  
[Back to top](#)[Standards and Regulations](#)  
[Standards/specifications M12 connector IEC 61076-2-111](#)  
[Flammability rating according to UL 94 V0](#)  
[Back to top](#)[Cable](#)

Cable type PVC

Cable type (abbreviation)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MRM/ 3,0-PVC PE SH 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

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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