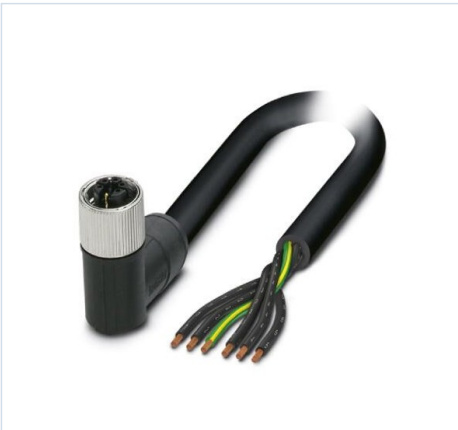


INDUSTRIAL COMPONENT DATA

SAC-6P- 3,0-PUR/M12FRM PE 1414907 PHOENIX CONTACT

Power cable, 6-position, PUR halogen-free, black-gray RAL ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-3,0-PUR/M12FRM PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-3,0-PUR/M12FRM PE
Catalog number	1414907
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-C36D7A1C74
Generated	2026-08-06

Product Overview

Power cable, 6-position, PUR halogen-free, black-gray RAL 7021, Socket 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 halogen-free, free cable end, to Angled Female M12, coding: M, cable length: 3 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)
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Additional Product Information

Key Commercial Data

Orderkey 1414907

Packing unit 1 pc

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GTIN 4055626035383

Weight per Piece (excluding packing) 460.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Drawings

Ambient conditions

Material

Cable

[Classifications](#)
[Dimensions](#)
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[M12 x 1 socket, angled](#)
[Circuit diagram](#)
[Contact assignment of the M12 socket](#)
[Schematic diagram](#)
[Pin assignment of M12 socket, 6-pos., M-coded, socket side view](#)
[Cable cross section](#)
[PUR halogen-free black \[PUR\]](#)
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[Length of cable 3 m](#)
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[Ambient temperature \(operation\) -25 °C ... 85 °C \(Plug / socket\)](#)
[Degree of protection IP65](#)
[IP67](#)
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[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 \(M12 connector\)](#)
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[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](#)
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-3,0-PUR/M12FRM 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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