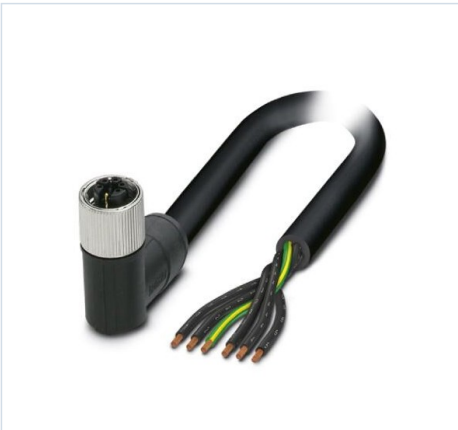


INDUSTRIAL COMPONENT DATA

SAC-6P-10,0-PUR/M12FRM PE 1414924 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-10,0-PUR/M12FRM PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-10,0-PUR/M12FRM PE
Catalog number	1414924
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-FDB9D7159F
Generated	2026-08-05

Product Overview

Power cable, 6-position, PUR halogen-free, black-gray RAL 7021, Socket angled M12, M-coded, on free cable end, cable length: 10 m, For AC current up to 8 A/690 V

Power cable, 6-pole halogen-free, free cable end, to Elbowed Female M12, coding: M, cable length: 10 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)
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Additional Product Information

Key Commercial Data

Orderkey 1414924

Packing unit 1 pc

Catalog page Page 298 (C-2-2019)

GTIN 4055626035529

Weight per Piece (excluding packing) 1,440.000 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

Dimensional drawing

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]

[Back to top](#)Dimensions

Length of cable 10 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 $\geq 100 \text{ M}\Omega$

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)

[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 PUR halogen-free black

Cable type (abbrevia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-10,0-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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