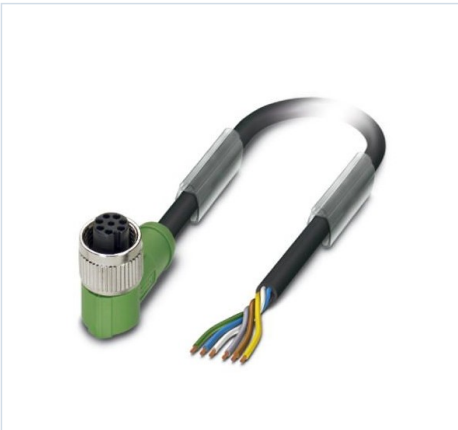


INDUSTRIAL COMPONENT DATA

SAC-6P- 5,0-PURMC/M12FR 1407820 PHOENIX CONTACT

Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-5,0-PURMC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-5,0-PURMC/M12FR
Catalog number	1407820
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2428FD1295
Generated	2026-08-04

Product Overview

Master cable

M12 connection socket, angled, 6 poles, with main cable attached, for sensor/actuator box with M8 plug-in stations, cable length: 5 m

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 1407820

Packing unit 1 pc

Catalog page Page 313 (C-2-2017)

GTIN 4046356857482

Weight per Piece (excluding packing) 178.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Ambient conditions

Ambient temperature (operation) -25 °C ... 80 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated voltage 30 V AC

30 V DC

Number of positions 6

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Connection method Fixed connection

Torque 0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94 HB

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material TPU GF

Sealing material NBR

Connection assignment

Slot/position = pin = conductor color 1 / 4 (A) = P = WH

2 / 4 (A) = J = BK

3 / 4 (A) = T = PK

4 / 4 (A) = S = GY

1-4 / 1 (+ 24 V) = A = BN

1-4 / 3 (0 V) = L = BU

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

Conductor cross section 6x 0.25 mm² (Signal line)

AWG signal line 24

Conductor structure signal line 32x 0.10 mm

Core diameter including insulation 1.17 mm ±0.02 mm

Thickness, insulation ≥ 0.21 mm (Core insulation)

Wire colors brown, white, blue, black, gray, pink

Overall twist Six cores around the filler to the core

External sheath, color black-gray RAL 7021

Outer sheath thickness app...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-5,0-PURMC/M12FR 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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