

INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/ 4,5-PUR/M12FS 1085917 PHOENIX CONTACT

Sensor/actuator cable, 3-position, PUR halogen-free, bla..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 4,5-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 4,5-PUR/M12FS
Catalog number	1085917
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-F260CB903C
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M12, A-coded, cable length: 4.5 m

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M8, to Straight connection female M12, coding: A, cable length: 4.5 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 1085917

Packing unit 1

GTIN 4055626876863

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

[Standards and Regulations](#)

[Environmental Product Compliance](#)

[Drawings](#)

[Dimensional drawing](#)

[M8 x 1 male plug, straight version](#)

[Dimensional drawing](#)

[M12 x 1 socket, straight](#)

[Circuit diagram](#)

[Contact assignment of M8 plugs / M12 sockets](#)

[Schematic diagram](#)

[Pin assignment M8 plug, 3-pos., view male side](#)

[Schematic diagram](#)

[Pin assignment M12 socket, 3-pos., A-coded, view female side](#)

[Cable cross section](#)

[PUR halogen-free black \[PUR\]](#)

[Back to top](#)[Dimensions](#)

[Length of cable 4.5 m](#)

[Back to top](#)[Ambient conditions](#)

[Ambient temperature \(operation\) -25 °C ... 90 °C \(Plug / socket\)](#)

[Back to top](#)[General](#)

[Rated current at 40°C 4 A](#)

[Rated voltage 48 V AC](#)

[60 V DC](#)

[Number of positions 3](#)

[Insulation resistance \$\geq 100 \text{ M}\Omega\$](#)

[Coding A - standard](#)

[Standards/regulations M12 connector](#)

[Status display No](#)

[Protective circuit/component unwired](#)

[Overvoltage category II](#)

[Degree of pollution 3](#)

[Insertion/withdrawal cycles \$\geq 100\$](#)

[Back to top](#)[Material](#)

[Flammability rating according to UL 94 HB](#)

[Contact material CuSn](#)

[Contact surface material Ni/Au](#)

[Contact carrier material TPU GF](#)

[Material of grip body TPU, hardly inflammable, self-extinguishing](#)

[Material, knurls Zinc die-cast, nickel-plated](#)

[Sealing material NBR](#)

[Back to top](#)[Standards and Regulations](#)

[Standards/specifications M12 connector](#)

[Flammability rating according to UL 94 HB](#)

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[Cable type PUR halogen-fr...](#)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 4,5-PUR/M12FS 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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