

INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/ 3,5-PUR/M 8FR 1085913 PHOENIX CONTACT

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

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 3,5-PUR/M 8FR
Catalog number	1085913
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-2FBCD07EB7
Generated	2026-08-03

Product Overview

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket angled M8, cable length: 3.5 m

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, M8 straight male connector, to M8 angled connection female, cable length: 3.5 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)

Additional Product Information

Key Commercial Data

Orderkey 1085913

Packing unit 1

GTIN 4055626876856

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

Socket M8 x 1, angled

Circuit diagram

Contact assignment of M8 plugs/sockets

Schematic diagram

Pin assignment M8 plug, 3-pos., view male side

Schematic diagram

Pin assignment M8 socket, 3-pos., view female side

Schematic diagram

Layout of connector pin assignments

Cable cross section

PUR halogen-free black [PUR]

[Back to top](#)Dimensions

Length of cable 3.5 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 M8 connector IEC 61076-2-104

Status display No

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 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 M8 connector IEC 61076-2-104

Flammability rating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.