

INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/ 2,0-500/M 8FS VA 1402263 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 2,0-500/M 8FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 2,0-500/M 8FS VA
Catalog number	1402263
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1C77F45A05
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, grey RAL 7001, Straight male connector M8, to Female angled connection M8, cable length: 2 m

Sensor/actuator cable, 3-pole, PVC, grey RAL 7001, Straight M8 connector, coding: A, to Angled female M8, cable length: 2 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 1402263

Packing unit 1

GTIN 4046356591782

Custom tariff number 85444290

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP65

IP67

IP68

IP69K

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

Status display No

Overvoltage category II

Degree of pollution 3

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 Stainless steel

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PVC gray

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section $3 \times 0.34 \text{ mm}^2$ (Signal line)

AWG signal line 22

Conductor structure signal line $19 \times 0.15 \text{ mm}$ Core diameter including insulation $1.26 \text{ mm} \pm 0.05 \text{ mm}$ Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color gray

Outer sheath thickness $\geq 0.76 \text{ mm}$ External cable diameter $D 4.3 \text{ mm} \pm 0.2 \text{ mm}$ Minimum bending radius, fixed installation $5 \times D$ Minimum bending radius, flexible installation $10 \times D$ Cable weight 40 kg/km

Outer sheath, material PVC

Material conductor insulation PVC

Conductor material Bare Cu litz wires

Insulation resistance $\geq 100 \text{ M}\Omega \cdot \text{km}$ (at 20°C)

Conductor resist...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 2,0-500/M 8FS VA 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.