

INDUSTRIAL COMPONENT DATA

SAC-3P-25,0-PVC/M 8FS VA 1410680 PHOENIX CONTACT

Sensor/actuator cable SAC-3P-25,0-PVC/M 8FS VA 1410680

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-25,0-PVC/M 8FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-25,0-PVC/M 8FS VA
Catalog number	1410680
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-3E86C6867E
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-3P-25,0-PVC/M 8FS VA - 1410680

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to Straight connection female M8, cable length: 25 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

Sensor/actuator cable, 3-position, PVC, black RAL 9005, free cable end, on Socket straight M8, cable length: 25 m

Key Commercial Data

Orderkey 1410680

Packing unit 1

GTIN 4046356905114

Custom tariff number 85444290

Dimensions

Length of cable 25 m

Stripping length of the free conductor end 50 mm

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$
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 black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
Conductor cross section $3 \times 0.25 \text{ mm}^2$ (Signal line)
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.25 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
Outer sheath thickness $\geq 0.76 \text{ mm}$
External cable diameter $D 4.4 \text{ mm} \pm 0.15 \text{ mm}$
Cable weight 29 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 resistance max. $78 \text{ } \Omega/\text{km}$ (at 20°C)
Nominal voltage,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-25,0-PVC/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.