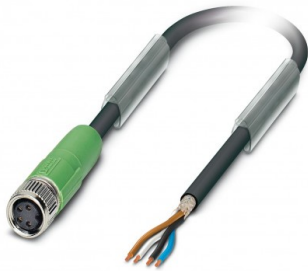


INDUSTRIAL COMPONENT DATA

SAC-4P-20,0-PVC/M8FS SH VA 1404843 PHOENIX CONTACT

Sensor/actuator cable, 4-pos., PVC, black RAL 9005, shiel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-PVC/M8FS SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-20,0-PVC/M8FS SH VA
Catalog number	1404843
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5B06C964E1
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 4-pos., PVC, black RAL 9005, shielded, free cable end, to straight M8 socket, cable length: 20 m
Sensor/actuator cable, 4 poles, PVC, black RAL 9005, shielded, free to female cable end with straight connection M8, cable length: 20 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 4

No. of cable outlets 1

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Stainless steel

Electrical properties Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Signaling Status display no

Status display present No

Connector Connection 1

Type free cable end

Connection 2

Type Socket straight M8

Number of positions 4

Coding type A

Cable/line Cable length 20 m

PVC black [PVC]

Cable weight 38 kg/km

Number of positions 4

Shielded yes

Cable type PVC black [PVC]

Conductor structure signal line 32x 0.10 mm

AWG signal line 22

Wire diameter incl. insulation 1.19 mm $\pm 0.02 \text{ mm}$

External cable diameter 5.00 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PVC

External sheath, color black RAL 9005

Conductor material Bare Cu litz wires

Material wire insulation PVC

Single wire, color brown, white, blue, black

Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

$\geq 0.65 \text{ mm}$ (Outer cable sheath)

Overall twist 4 wires, twisted

Optical shield covering 85 %

Max. conductor resistance max. 78 Ω/km (at 20 °C)

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

Nominal voltage, cable 300 V

Test voltage 3000 V

Ambien...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-PVC/M8FS SH 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

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