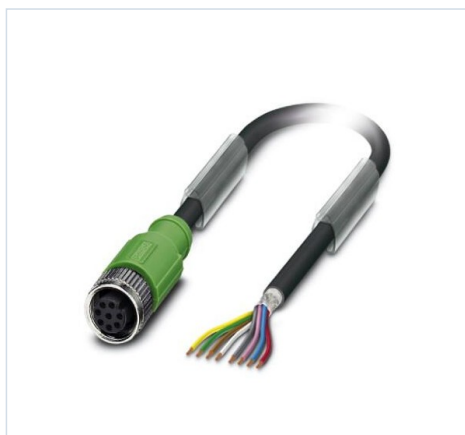


INDUSTRIAL COMPONENT DATA

SAC-8P- 5,0-PVC/M12FS SH VA 1413511 PHOENIX CONTACT

Sensor/actuator cable SAC-8P- 5,0-PVC/M12FS SH VA 1413511

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-5,0-PVC/M12FS SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-5,0-PVC/M12FS SH VA
Catalog number	1413511
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5E6DD5DBD3
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-8P- 5,0-PVC/M12FS SH VA - 1413511

Sensor/actuator cable, 8-pole, PVC, black RAL 9005, shielded, free cable end, to Straight connection female M12, coding: A, cable length: 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

Sensor/actuator cable, 8-position, PVC, black RAL 9005, shielded, free cable end, on Socket straight M12, A-coded, cable length: 5 m

Key Commercial Data

Orderkey 1413511

Packing unit 1

GTIN 4055626002743

Custom tariff number 85444290

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100 **Material**

Flammability rating according to UL 94 HB

Contact material CuZn

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

Note The cable is not suitable for use with drag chains.

Cable type PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYF-C-Y

Conductor cross section $8 \times 0.25 \text{ mm}^2$ (Signal line)

AWG signal line 24

Conductor structure signal line $32 \times 0.10 \text{ mm}$ Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)Thickness, insulation $\geq 0.38 \text{ mm}$ (Conductor insulation, signal line) $\geq 0.76 \text{ mm}$ (Outer cable sheath)

Wire colors white, brown, green, yellow, gray, pink, blue, red

Overall twist 8 wires around filler to the core, twisted in with additional Cu litz in the wire outer godet

S...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-5,0-PVC/M12FS 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

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.