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-F6251D237B
Generated	2026-11-19

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 >= 100 M?
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 8x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Thickness, insulation >= 0.38 mm (Conductor insulation, signal line)
>= 0.76 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.