

INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/5,0-PUR/M12FS VA 1415009 PHOENIX

CONTACT Sensor/actuator cable

SAC-8P-M12MS/5,0-PUR/M12FS VA 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/5,0-PUR/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/5,0-PUR/M12FS VA
Catalog number	1415009
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-226A8CA074
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/5,0-PUR/M12FS VA - 1415009

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, 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, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 5 m

Key Commercial Data

Orderkey 1415009

Packing unit 1

GTIN 4055626037400

Custom tariff number 85444290

Dimensions

Length of cable 5 m

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
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section $8 \times 0.25 \text{ mm}^2$
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.21 \text{ mm}$
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.8 mm
External cable diameter $D 5.9 \text{ mm} \pm 0.15 \text{ mm}$
Minimum bending radius, fixed installation $8 \times D$
Minimum bending radius, flexible installation $10 \times D$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/5,0-PUR/M12FS 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.