

INDUSTRIAL COMPONENT DATA

SAC-8P-42,0-PUR/FS 0,15 AE SCO 1412358 PHOENIX CONTACT Sensor/actuator cable SAC-8P-42,0-PUR/FS 0,15 AE SCO ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-42,0-PUR/FS 0,15 AE SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-42,0-PUR/FS 0,15 AE SCO
Catalog number	1412358
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-9DCF1F057C
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-8P-42,0-PUR/FS 0,15 AE SCO - 1412358

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Straight female M12 SPEEDCON, coding: A, cable length: 42 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, free cable end, on Socket straight M12 SPEEDCON, A-coded, cable length: 42 m

Key Commercial Data

Orderkey 1412358

Packing unit 1

GTIN 4046356958387

Custom tariff number 85444290

Dimensions

Length of cable 42 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

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Protective circuit/component unwired

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 Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-42,0-PUR/FS 0,15 AE SCO 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.