

INDUSTRIAL COMPONENT DATA

SAC-6P- 5,0-970/FS SCO 1428584 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-5,0-970/FS SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-5,0-970/FS SCO
Catalog number	1428584
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-4E182293DF
Generated	2026-08-03

Product Overview

Bus system cable

Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, free cable end, to Straight female M12, coding: A SPEEDCON, 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

Key Commercial Data

Orderkey 1428584

Packing unit 1 pc

Catalog page Page 324 (PC-2011)

GTIN 4046356322867

Weight per Piece (excluding packing) 385.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Stripping length of the free conductor end 50 mm

Ambient conditions

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

Degree of protection IP65

IP67

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 6

Color handle area black

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

Coding A - standard

Signal type/category VARAN, 100 Mbps

Status display No

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm (M12 connector)

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

Pin assignment

Contact | Color (signal designation) | Contact (optional) 1 (Socket)

4 (Socket)

6 (Socket) | BU (Power)

7 (Socket) | BN (Power)

5 (Socket) | GN/WH (RD+)

8 (Socket) | GN (RD-)

2 (Socket) | OG/WH (TD+)

3 (Socket) | OG (TD-)

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type VARAN

Cable type (abbreviation) 970

Cable abbreviation Li9YD12Y

Cable structure 1x2xAWG22/19 + 1x4xAWG24/19

Conductor cross section 4x 0.25 mm² (Signal line)

2x 0.38 mm² (Power supply)

AWG signal line 24

AWG....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-5,0-970/FS 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.