

INDUSTRIAL COMPONENT DATA

SAC-6P-MS/1,0-970/FS SCO 1411524 PHOENIX CONTACT Bus system cable SAC-6P-MS/1,0-970/FS SCO 1411524

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-MS/1,0-970/FS SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MS/1,0-970/FS SCO
Catalog number	1411524
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-DDD5F3212E
Generated	2026-08-04

Product Overview

Bus system cable - SAC-6P-MS/1,0-970/FS SCO - 1411524

Bus system cable, VARAN, 6-pole, shielded, M12 straight connector, encoding: A SPEEDCON, to M12 straight female, coding: A SPEEDCON, cable length: 1 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

Bus system cable, VARAN, 6-position, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, cable length: 1 m

Key Commercial Data

Orderkey 1411524

Packing unit 1

GTIN 4046356933490

Custom tariff number 85444290

Dimensions

Length of cable 1 m

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

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

Coding A - standard

Signal type/category VARAN

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

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 power supply 22

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 19x 0.16 mm

Core diameter including insulation 1.35 mm (Signal line)

1.5 mm (Power supply)

Wire colors Brown, blue, white/orange, whit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-MS/1,0-970/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.