INDUSTRIAL COMPONENT DATA

SAC-6P-MS/ 1,0-970/FR SCO 1409128 PHOENIX CONTACT Bus system cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MS/ 1,0-970/FR SCO
Catalog number	1409128
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1E500501FA
Generated	2026-11-19

Product Overview

Bus system cable
Bus system cable, VARAN, 6-pole, SANTOPRENE halogen-free/halogen-free TPE, black RAL 9005, shielded, M12 SPEEDCON straight male connector, coding: A, a Angled connection female M12 SPEEDCON, coding: A, 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

Key Commercial Data
Orderkey 1409128
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356862837
Weight per Piece (excluding packing) 119.100 g
Custom tariff number 85444290
Country of origin PL (Poland)
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 >= 100 M?
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, white/green, green, orange
Type of pair shielding Tinned copp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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