INDUSTRIAL COMPONENT DATA

# SAC-6P-MS/ 6,0-970/FS SCO 1421791 PHOENIX CONTACT Bus system cable SAC-6P-MS/ 6,0-970/FS SCO 1421791

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-6P-MS/ 6,0-970/FS SCO |
| Catalog number | 1421791 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-64153CECE0 |
| Generated | 2026-11-19 |

## Product Overview

Bus system cable - SAC-6P-MS/ 6,0-970/FS SCO - 1421791
Bus system cable, VARAN (100 MBit/s), 6-pole, SANTOPRENE halogen-free/halogen-free TPE, black RAL 9005, shielded, M12 SPEEDCON straight connector, coding: A, a M12 SPEEDCON straight female, coding: A, cable length: 6 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Bus system cable, VARAN (100 Mbps), 6-position, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded, cable length: 6 m
Key Commercial Data
Orderkey 1421791
Packing unit 1
GTIN 4055626282275
Custom tariff number 85444290
Dimensions
Length of cable 6 m
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC

Number of positions 6
Coding A - standard
Signal type/category VARAN, 100 Mbps
Status display No
Overvoltage category II
Degree of pollution 3
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 copper braided shield, 95 % covering
Overall twist 1 star quad and 2 wires with 2 fillers
Shielding Tinned copper-braided shield, approx. 85% covering
External sheath, color black R...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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