INDUSTRIAL COMPONENT DATA

# SAC-6P-MS/15,0-970/FS SCO 1428681 PHOENIX CONTACT Bus system cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-MS/15,0-970/FS SCO**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-6P-MS/15,0-970/FS SCO |
| Catalog number | 1428681 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-36F14A4EF0 |
| Generated | 2026-11-18 |

## Product Overview

Bus system cable
Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, M12 straight connector, coding: A SPEEDCON, a M12 straight female, coding: A SPEEDCON, cable length: 15 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 1428681
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 324 (PC-2011)
GTIN 4046356322966
Weight per Piece (excluding packing) 1,172.600 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 15 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
Color handle area black
Insulation resistance >= 100 M?
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 (Plug) | N.C. | 1 (Socket)
2 (Plug) | N.C. | 2 (Socket)
6 (Plug) | BU (Power) | 6 (Socket)
7 (Plug) | BN (Power) | 7 (Socket)
5 (Plug) | GN/WH (RD+) | 5 (Socket)
8 (Plug) | GN (RD-) | 8 (Socket)
2 (Plug) | OG/WH (TD+) | 2 (Socket)
3 (Plug) | OG (TD-) | 3 (Socket)
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
Conducto...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-MS/15,0-970/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.