INDUSTRIAL COMPONENT DATA

SAC-6P-MR/0,3-970/FS SCO 1549013 PHOENIX CONTACT Bus system cable, VARAN, 6-pole, M12 SPEEDCON angled connec..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-MR/0,3-970/FS SCO

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MR/0,3-970/FS SCO
Catalog number	1549013
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-D2AC151949
Generated	2026-11-19

Product Overview

Bus system cable, VARAN, 6-pole, M12 SPEEDCON angled connector, coding: A, to straight female M12 SPEEDCON, coding: A, cable length: 0.3 m
Bus System Cable, VARAN, 6-pole, M12 Elbow Connector, Coding: A SPEEDCON, A Straight Female M12, Coding: A SPEEDCON, Cable Length: 0.3 m
Bus system cable, VARAN, 6-position, Plug angled M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A, cable length: 0.3 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

Technical dataProduct propertiesProduct type Data cable preassembled
Sensor type VARAN
Number of positions 6
Application Bus system
No. of cable outlets 1
Coding A
Insulation characteristics
Overvoltage category II

Degree of pollution 3
InterfacesBus system VARAN
Signal type/category VARAN
SignalingStatus display No
Status display present No
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 30 V AC
30 V DC
Nominal current IN 2 A
Transmission medium Copper
Material specificationsFlammability rating according to UL 94 HB
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
ConnectorConnection 1
Type Plug angled M12 SPEEDCON
Number of positions 6
Locking type SPEEDCON
Coding type A (Standard)
Connection 2
Type Socket straight M12 SPEEDCON
Number of positions 6
Locking type SPEEDCON
Coding type A (Standard)
Cable/lineCable length 0.3 m
VARAN [970]
Dimensional drawing
Shielded yes
Cable weight 81 kg/km
Cable type VARAN
Short symbol Li9YD12Y
Cable type (abbreviation) 970
Signal type/category VARAN CAT5 (IEC 11801), 100 Mbps
Cable structure 1x2xAWG22/19 + 1x4xAWG24/19
External cable diameter 7.8 mm ±0.2 mm
Outer sheath, material SANTOPRENE halogen-free
External sheath, color black RAL 9005
Material, inner sheath TPE
Conductor material Bare Cu litz wires
Conductor structure signal l...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-MR/0,3-970/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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