INDUSTRIAL COMPONENT DATA

SAC-6P-MR/ 0,5-970/FR SCO 1425423 PHOENIX CONTACT Bus system cable SAC-6P-MR/ 0,5-970/FR SCO 1425423

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-MR/ 0,5-970/FR SCO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MR/ 0,5-970/FR SCO
Catalog number	1425423
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-0B47D98E6F
Generated	2026-11-19

Product Overview

Bus system cable - SAC-6P-MR/ 0,5-970/FR SCO - 1425423
Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, M12 angled connector, coding: A SPEEDCON, to Female angled M12, coding: A SPEEDCON, cable length: 0.5 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 (100 Mbps), 6-position, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded, Plug angled M12 SPEEDCON, A-coded, on Socket angled M12 SPEEDCON, A-coded, cable length: 0.5 m
Key Commercial Data
Orderkey 1425423
Packing unit 1
GTIN 4055626399041
Custom tariff number 85444290
Dimensions
Length of cable 0.5 m
General
Rated voltage 30 V AC
30 V DC
Number of positions 6

Signal type/category VARAN, 100 Mbps
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 RAL 9005
External cable diameter D 7.8 mm ±0.2 mm
Smallest bending radius, fixed installation >= 93 mm
Smallest bending radius, movable installation >= 93 mm
Number of bending cycles 3000000
Bending radius 93 mm
Traversing path 2 m
Traversing rate 1 m/s
Acceleration 2 m/s²
Cable weight 81 kg/km
Outer sheath, material SANTOPRENE halogen-free
Material, inner sheath TPE
M...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-MR/ 0,5-970/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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