INDUSTRIAL COMPONENT DATA

SAC-6P-MS/0,5-970/FS SCO 1404999 PHOENIX CONTACT Sensor/actuator cable SAC-6P-MS/0,5-970/FS SCO 1404999

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

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MS/0,5-970/FS SCO
Catalog number	1404999
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-442A94B019
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-6P-MS/0,5-970/FS SCO - 1404999
Sensor/actuator cable, halogen-free/halogen-free TPE, black RAL 9005, shielded

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

Sensor/actuator cable, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded
Key Commercial Data
Orderkey 1404999
Packing unit 1
GTIN 4046356733496
Custom tariff number 85444290
General
Rated voltage 30 V AC
30 V DC
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
Material, filler Yarn
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance 5 G?*km (Data cable)
Conductor resistance 77 ?/m (Data cable)
Transmission characteristics (categor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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