INDUSTRIAL COMPONENT DATA

SAC-6P- 5,0-970/M12FS 1065742 PHOENIX CONTACT Bus system cable SAC-6P- 5,0-970/M12FS 1065742

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P- 5,0-970/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P- 5,0-970/M12FS
Catalog number	1065742
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-12CF6CF899
Generated	2026-11-19

Product Overview

Bus system cable - SAC-6P- 5,0-970/M12FS - 1065742

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, 6-position, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded, cable length: 5 m
Key Commercial Data
Orderkey 1065742
Packing unit 1
GTIN 4055626731209
Custom tariff number 85444290
Dimensions
Length of cable 5 m
General
Number of positions 6
Signal type/category VARAN
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 ca...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P- 5,0-970/M12FS 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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