INDUSTRIAL COMPONENT DATA

SAC-6P-M12MS/10,0-970/M12FS 1065678 PHOENIX CONTACT Bus system cable, VARAN (100 Mbps), 6-position, SANTOPRE..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MS/10,0-970/M12FS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M12MS/10,0-970/M12FS
Catalog number	1065678
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-DAC249E1C4
Generated	2026-11-18

Product Overview

Bus system cable, VARAN (100 Mbps), 6-position, SANTOPRENE halogen-free/TPE halogen-free, black RAL 9005, shielded, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 10 m
Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, M12 straight connector, encoding: A, to M12 straight female, encoding: A, cable length: 10 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 1065678
Packing unit 1
GTIN 4055626730929
Custom tariff number 85444290
Drawings
General
Environmental Product Compliance
Dimensions
Cable

Classifications
Drawings
Cable cross section
VARAN [970]
Back to topDimensions
Length of cable 10 m
Back to topGeneral
Number of positions 6
Signal type/category VARAN, 100 Mbps
Back to topCable
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MS/10,0-970/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

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.