INDUSTRIAL COMPONENT DATA

SAC-6P-20,0-970/M12FS 1069456 PHOENIX CONTACT Bus system cable SAC-6P-20,0-970/M12FS 1069456

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-20,0-970/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-20,0-970/M12FS
Catalog number	1069456
Category	Patch cord copper (twisted pair)
Minimum order	25 Pcs
Document ID	EO-F823475A79
Generated	2026-11-18

Product Overview

Bus system cable - SAC-6P-20,0-970/M12FS - 1069456
Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, free cable end, to Straight female M12, encoding: A, cable length: 20 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, free cable end, on Socket straight M12, A-coded, cable length: 20 m
Key Commercial Data
Orderkey 1069456
Packing unit 1
GTIN 4055626746203
Custom tariff number 85444290
Dimensions
Length of cable 20 m
Stripping length of the free conductor end 50 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65

IP67
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 6
Color handle area black
Insulation resistance >= 100 M?
Coding A - standard
Signal type/category VARAN, 100 Mbps
Status display No
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
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 co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-20,0-970/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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