

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-949A95BEF5
Generated	2026-08-03

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 $\geq 100 \text{ M}\Omega$

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

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.