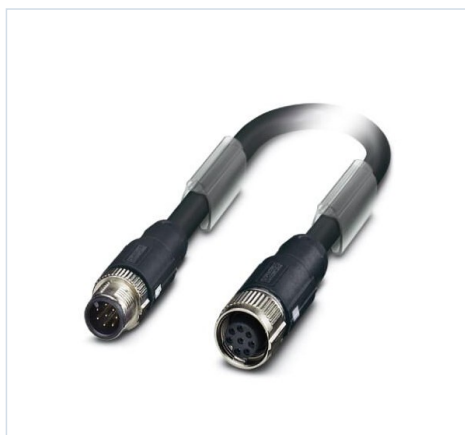


INDUSTRIAL COMPONENT DATA

SAC-6P-M12MS/ 2,0-970/M12FS 1065682 PHOENIX CONTACT

Bus system cable, VARAN (100 Mbps), 6-position, SANTOPRE..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MS/ 2,0-970/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M12MS/ 2,0-970/M12FS
Catalog number	1065682
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-CA39C924A9
Generated	2026-08-05

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: 2 m

Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, M12 straight connector, encoding: A, to M12 straight female, encoding: A, cable length: 2 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 1065682

Packing unit 1

GTIN 4055626730936

Custom tariff number 85444290

Drawings

General

Standards and Regulations

Environmental Product Compliance

Dimensions

Material

Cable

Classifications

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

M12 x 1 socket, straight, shielded

Circuit diagram

Contact assignment of the M12 connector and the M12 socket

Schematic diagram

Pin assignment M12 plug, 8-pos., view plug side

Schematic diagram

Pin assignment M12 socket, 8-pos., A-coded, view female side

Cable cross section

VARAN [970]

[Back to top](#)Dimensions

Length of cable 2 m

[Back to top](#)General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 6

Signal type/category VARAN, 100 Mbps

Status display No

Overvoltage category II

Degree of pollution 3

[Back to top](#)Material

Flammability rating according to UL 94 HB

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 HB

[Back to top](#)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 bra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MS/ 2,0-970/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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