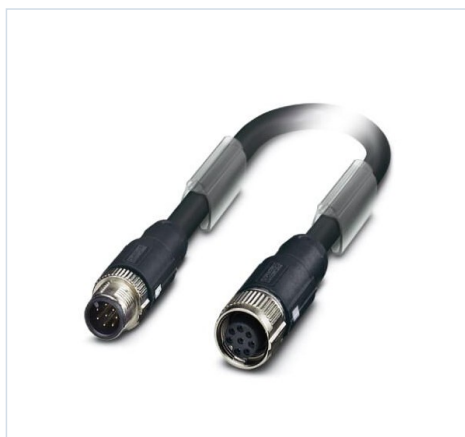


INDUSTRIAL COMPONENT DATA

NBC-MS/10,0-971/FS SCO VR KM 1412482 PHOENIX CONTACT Bus system cable NBC-MS/10,0-971/FS SCO VR KM 1412482

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MS/10,0-971/FS SCO VR KM



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MS/10,0-971/FS SCO VR KM
Catalog number	1412482
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-9AA70A026B
Generated	2026-08-04

Product Overview

Bus system cable - NBC-MS/10,0-971/FS SCO VR KM - 1412482

Bus system cable, VARAN, 6-pole, PVC, black, shielded, M12 SPEEDCON straight connector, to M12 SPEEDCON straight female, cable length: 10 m, Customer variant

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)
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Additional Product Information

Bus system cable, VARAN, 6-position, PVC, black, shielded, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, cable length: 10 m, Customer version

Key Commercial Data

Orderkey 1412482

Packing unit 1

GTIN 4046356963596

Custom tariff number 85444290

Dimensions

Length of cable 10 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

General data

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 6

Signal type/category VARAN

Overvoltage category II

Degree of pollution 3

Contact material CuZn

Contact carrier material TPU GF

Contact surface material Ni/Au

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type VARAN

Cable type (abbreviation) 971

UL AWM style 2461 (80°C/300 V)

Signal type/category VARAN CAT5 (IEC 11801), 100 Mbps

Cable structure 1X2X24/32+2X2X24/19; SF/UTP

Conductor cross section 2x 2x 0.25 mm² (Signal line)2x 0.25 mm² (Power supply)

AWG signal line 24

AWG power supply 24

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 32x 0.10 mm

Core diameter including insulation 1.25 mm (Signal line)

1.4 mm (Power supply)

Wire colors Blue-yellow, green-orange, red-blue

Twisted pairs 2 cores to the pair

Overall twist 3 pairs with filler elements to the core

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color black

Outer sheath thickness 0.9 mm

External cable diameter D 7 mm ±...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MS/10,0-971/FS SCO VR KM 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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