

INDUSTRIAL COMPONENT DATA

NBC-MS/ 5,0-93K/MS SCO 1410688 PHOENIX CONTACT Assembled Sercos III cable, shielded, star quad, 22 AWG stran..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MS/ 5,0-93K/MS SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MS/ 5,0-93K/MS SCO
Catalog number	1410688
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F8B3C0F1B4
Generated	2026-08-05

Product Overview

Assembled Sercos III cable, shielded, star quad, 22 AWG stranded (7-wire), RAL 3020 (traffic red), M12 plug, SPEEDCON, 4-pos. to M12 plug, SPEEDCON, length: 5 m

Sercos III assembled cable, shielded, star quad, flexible AWG 22 (7 wires), RAL 3020 (traffic red), M12 connector, SPEEDCON, 4 poles in M12 connector, SPEEDCON, length: 5 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 1410688

Packing unit 1

GTIN 4046356905473

Custom tariff number 85444290

Drawings

Ambient conditions

Characteristics head 1

Cable

Classifications

Dimensions

General data

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Schematic diagram

Pin assignment M12 male connector, 4-pos., D-coded, male side

Cable cross section

Sercos III [93K]

[Back to top](#)Dimensions

Length of cable 5 m

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 70 °C (cable, fixed installation)

-25 °C ... 70 °C (cable, flexible installation)

[Back to top](#)General data

Rated voltage 48 V AC

60 V DC

Number of positions 4

Overvoltage category II

Degree of pollution 3

Alternative short product description Sercos III cable

[Back to top](#)Characteristics head 1

Head type Plug straight M12

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 V0

[Back to top](#)Cable

Cable type Sercos III

Cable type (abbreviation) 93K

UL AWM style 21694 (60°C / 600 V)

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

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation approx. 1.55 mm

Wire colors White, yellow, blue, orange

Type of pair shielding Aluminum-lined polyester foil

Overall twist Star quad

Shielding Tinned copper braided shield

External sheath, color signal red RAL 3020

Outer....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MS/ 5,0-93K/MS SCO 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.