

INDUSTRIAL COMPONENT DATA

SAC-M12MS/2,5-94B/M12FR NHF SW 1405229 PHOENIX CONTACT Assembled Ethernet cable, shielded, 4-pair, AWG 26 st..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-M12MS/2,5-94B/M12FR NHF SW



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-M12MS/2,5-94B/M12FR NHF SW
Catalog number	1405229
Category	Data cable
Minimum order	50 Pcs
Document ID	EO-E449D7BECA
Generated	2026-08-05

Product Overview

Assembled Ethernet cable, shielded, 4-pair, AWG 26 stranded (7-wire), RAL 5021 (sea blue), M12 plug to M12 socket, line, length 2.5 m

Ready-made Ethernet cable, shielded, 4 pairs, flexible AWG 26 (7 wires), RAL 5021 (aqua blue), M12 male connector in M12 female connection, Line, length 2.5 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 1405229

Packing unit 1

GTIN 4046356738385

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

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

Ethernet, flexible, CAT5 [94B]

[Back to top](#)Dimensions

Length of cable 2.5 m

[Back to top](#)Ambient conditions

Degree of protection IP65

IP67

[Back to top](#)General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

[Back to top](#)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

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 HB

[Back to top](#)Cable

Cable type Ethernet, flexible, CAT5

Cable type (abbreviation) 94B

Cable abbreviation 02YS(ST)C11Y

UL AWM style 20963 (80°C/30 V)

Cable structure 4x2xAWG26/7; SF/UTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 0.96 mm....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-M12MS/2,5-94B/M12FR NHF SW 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.