INDUSTRIAL COMPONENT DATA

NBC-FSBPXS/2,0-94F/R4AC-10G 1412316 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-FSBPXS/2,0-94F/R4AC-10G



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-FSBPXS/2,0-94F/R4AC-10G
Catalog number	1412316
Category	Circular connector, mounting (with cable)
Minimum order	10 Pcs
Document ID	EO-9DB8E0298A
Generated	2026-11-19

Product Overview

Network cable
Network cable, protection rating: IP67/IP20, cable length: 2 m, number of poles: 8, 10 GBit/s, CAT6A, cable output: straight, Ethernet
Network cable, degree of protection: IP67/IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6A, cable outlet: straight, Ethernet

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 > Field Device Connectors (FDC)

Additional Product Information

Technical dataMountingMounting type Rear wall/screw mounting
Product propertiesProduct type Circular connectors (device side)
Type M12
Sensor type Ethernet
Number of positions 8
Number of slots 1
Shielded yes
Coding X
Cable outlet straight
Data management status
Article revision 05

Insulation characteristics
Degree of pollution 3
Material specificationsMaterial Zinc die-cast (nickel-plated)
Flammability rating according to UL 94 V2
Seal material FKM
Material of grip body Zinc die-cast, nickel-plated
Contact material CuZn
Contact surface material gold-plated
Contact carrier material PPA
Material for screw connection Zinc die-cast, nickel-plated
Outer sheath, material PUR
Electrical propertiesRated voltage (III/3) 72 V (DC)
Nominal voltage UN 48 V
Nominal current IN 0.5 A
Transmission medium Copper
Transmission characteristics (category) CAT6A
Transmission speed 10 Gbps
ConnectorConnection 1
Type Flush-type female connector straight M12
Locking type SPEEDCON
Coding type X (Data)
Insertion/withdrawal cycles >= 100
Degree of protection IP65/IP67
Connection 2
Type Plug straight RJ45
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Cable/lineCable length 2.00 m
Ethernet 10 Gbit [94F]
Dimensional drawing
Cable weight 42 kg/km
UL AWM Style 20963 (80°C/30 V)
Number of positions 8
Shielded yes
Cable type Ethernet 10 Gbit [94F]
Conductor structure 4x2xAWG26/7; S/FTP
Signal runtime 5.13 ns/m
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross sectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-FSBPXS/2,0-94F/R4AC-10G 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.