INDUSTRIAL COMPONENT DATA

NBC-D5DM/2,5-920/D5DM E01 1415757 PHOENIX CONTACT Cable NBC-D5DM/2,5-920/D5DM E01 1415757

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-D5DM/2,5-920/D5DM E01



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-D5DM/2,5-920/D5DM E01
Catalog number	1415757
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-8B49FB02DE
Generated	2026-11-19

Product Overview

Cable - NBC-D5DM/2,5-920/D5DM E01 - 1415757
Cable, protection index: IP20, number of poles: 9, cable output: straight, color: Metallic, bare, CAN/DeviceNet Bus

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

Cable, degree of protection: IP20, number of positions: 9, cable outlet: straight, color: Bare metallic
Key Commercial Data
Orderkey 1415757
Packing unit 1
GTIN 4055626052083
Custom tariff number 85444290
Ambient conditions
Ambient temperature (operation) -40 °C ... 80 °C
-20 °C ... 75 °C
General data
Number of positions 9
Overvoltage category III
Degree of pollution 2
Standards and Regulations

Flammability rating according to UL 94 V0
Cable
Cable type CAN Bus/DeviceNet
Cable type (abbreviation) 920
UL AWM style 21198 (80°C/300 V)
Signal type/category CANopen®
DeviceNet™
Cable structure 2xAWG24/19+2xAWG22/19
Conductor cross section 2x 0.25 mm² (Data cable)
2x 0.34 mm² (Power supply)
1x 0.34 mm² (Drain wire)
AWG signal line 24
AWG power supply 22
Conductor structure signal line 19x 0.13 mm
Conductor structure, voltage supply 19x 0.15 mm
Core diameter including insulation 1.95 mm ±0.05 mm (Data cable)
1.4 mm ±0.05 mm (Power supply)
Wire colors Red-black, blue-white
Twisted pairs 2 cores to the pair
Type of pair shielding Plastic-coated aluminum foil, aluminum side outside
Overall twist 2 pairs around a drain wire in the center to the core
Shielding Tinned copper braided shield
Optical shield covering 80 %
External sheath, color violet RAL 4001
External cable diameter D 6.7 mm ±0,3 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 5000000
Bending radius 70 mm
Minimum bending radius, drag chain appli...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-D5DM/2,5-920/D5DM E01 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.