INDUSTRIAL COMPONENT DATA

VS-M12MS-IP20-93R-LI/2,0 1416242 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12MS-IP20-93R-LI/2,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-M12MS-IP20-93R-LI/2,0
Catalog number	1416242
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2837126D05
Generated	2026-11-19

Product Overview

Network cable
Network cable, PROFINET CAT5 (100 MBit/s), 4-pole, M12 straight connector, encoding: D / IP67, to RJ45 / IP20 straight connector, cable length: 2 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 1416242
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 311 (PC-2011)
GTIN 4046356473385
Weight per Piece (excluding packing) 142.740 g
Custom tariff number 85444210
Country of origin PL (Poland)
Dimensions
Length of cable 2 m
Ambient conditions
Degree of protection IP65 (M12 connector)

IP20 (RJ45 connector)
General data
Rated voltage 48 V AC
60 V DC
Number of positions 4
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps
Characteristics head 1
Head type Plug straight M12
No. of positions (pin connector pattern) 4
Color black
Characteristics head 2
Head type Plug straight RJ45
No. of positions (pin connector pattern) 4
Color gray
Cable
Cable type PROFINET robot CAT5
Cable type (abbreviation) 93R
UL AWM style 20233 (80°C/300 V)
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps
EtherCAT®CAT5 (IEC 11801), 100 Mbps
Cable structure 1x4xAWG22/19; S/TQ
Conductor cross section 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.5 mm
Wire colors White, yellow, blue, orange
Overall twist Star quad
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color green RAL 6018
Outer sheath thickness approx. 1 mm
External cable diameter D 6.5 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Torsion force ± 180 °/m (1 000 000 torsion cycles)
Cable weight 55 kg/km
Outer sheath, material PUR
Material conductor insulation Foamed P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-M12MS-IP20-93R-LI/2,0 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.