

INDUSTRIAL COMPONENT DATA

VS-M12FSDBP-M12MSD-936-LI/0,5 1402334 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12FSDBP-M12MSD-936-LI/0,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-M12FSDBP-M12MSD-936-LI/0,5
Catalog number	1402334
Category	Data and communication cable
Minimum order	50 Pcs
Document ID	EO-5B09CA9985
Generated	2026-08-02

Product Overview

Bus system cable

M12 Built-in Mounting Plug-in Connector, 4 Poles, D-Coded, for Rear Wall Mounting, with PROFINET (RADOX®) Cable on M12 Connector, Length: 0.5 m

M12 flush-type connector, 4-pos., D-coded, for rear mounting, with PROFINET cable (RADOX®) to M12 male connector, length: 0.5 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 > Field Device Connectors (FDC)
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Additional Product Information

Technical dataNotesOrder information: Lock nut is included in the scope of delivery

Product propertiesProduct type Circular connectors (device side)

Number of positions 4

Number of slots 1

Electrical propertiesNominal voltage UN 48 V AC

Nominal current IN Plug/socket in accordance with IEC 61076-2-101, cable technical data is to be observed

Cable/lineCable length 0.50 m

PROFINET RADOX® railway application CAT5 reinforced [936]

Dimensional drawing

Cable weight 81 g/m

Number of positions 4

Shielded yes

Cable type PROFINET RADOX® railway application CAT5 reinforced [936]

Conductor structure 1x4xAWG22/7, SF/TQ

Signal speed 66 c

Conductor structure signal line 7x 0.25 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm²

Wire diameter incl. insulation 1.95 mm

External cable diameter 7.25 mm ±0.3 mm

Outer sheath, material PE-X

External sheath, color black RAL 9005

Conductor material silver-plated Cu litz wires

Material wire insulation PE-X

Single wire, color white-blue, orange-yellow

Thickness, outer sheath ≥ 0.80 mm

Overall twist Star quad

Optical shield covering 100 %

Max. conductor resistance ≤ 54.4 Ω/km

Coupling resistance 200.00 mΩ/m (f ≤ 30 MHz)

Wave impedance 100 Ω ±5 Ω (f = 100 MHz)

Working capacitance ≤ 65 pF (Line-line)

≤ 100 pF (Line-shield)

Nominal voltage, cable 300 V AC

Test voltage 2000 V AC (50 Hz, 5 minutes)

Minimum bending radius, fixed installation 6 x D

Minimum bending radius, flexible installation 10 x D

Smallest bending radius, fixed installation 44 mm

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-M12FSDBP-M12MSD-936-LI/0,5 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

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