

INDUSTRIAL COMPONENT DATA

SUBCON-PLUS-PROFIB/AX/M12 2902321 PHOENIX CONTACT D-SUB bus connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SUBCON-PLUS-PROFIB/AX/M12



Manufacturer	PHOENIX CONTACT
MPN / Reference	SUBCON-PLUS-PROFIB/AX/M12
Catalog number	2902321
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-EF11C346E7
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Product Overview

D-SUB bus connector

D-SUB connector, 9 poles, pin, assignment: 3, 5, 6, 8; two M12 cable glands (B-coding) under 180° (axial). Bus system: PROFIBUS DP up to 12 MBits/s. Closing resistance by means of a separate M12 terminator.

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 > Safety
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Additional Product Information

Key Commercial Data

Orderkey 2902321

Packing unit 1 pc

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GTIN 4046356655057

Weight per Piece (excluding packing) 62.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Width 16 mm

Height 75 mm

Length 38 mm

Ambient conditions

Ambient temperature (operation) -30 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Ambient temperature (assembly) -20 °C ... 80 °C

Permissible humidity (operation) 10 % ... 75 % (At +25°C, non-condensing)

Altitude 5000 m (For restrictions see manufacturer's declaration)

Degree of protection IP40

General

Bus system PROFIBUS DP

Signal PROFIBUS

SUBCON fixing screws 4-40 UNC

Tightening torque 0.4 Nm

Housing material Polyamide

Pin assignment 3, 5, 6, 8

MTTF 6706 Years (SN 29500 standard, temperature 25 °C, operating cycle 21 % (5 days a week, 8 hours a day))

1817 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day))

155 Years (SN 29500 standard, temperature 40 °C, operating cycle 100 % (7 days a week, 24 hours a day))

Connection data

Connection D-SUB connection

Number of positions 9

Connection method D-SUB connector

Termination resistor separately via M12 termination resistor

Connection M12 plug

Number of positions 5

Connection method M12 connector, B-coded

Torque 0.4 Nm

Connection M12 socket

Number of positions 5

Connection method M12 connector, B-coded

Torque 0.4 Nm

Standards and Regulations

Noxious gas test ISA-S71.04-1985 G3 Harsh....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SUBCON-PLUS-PROFIB/AX/M12 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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