INDUSTRIAL COMPONENT DATA

SAC-3P-M12MR/ 1,0-961/M12FR VA 1419128 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/ 1,0-961/M12FR VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MR/ 1,0-961/M12FR VA
Catalog number	1419128
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-930CD14298
Generated	2026-11-18

Product Overview

Bus system cable
Bus system cable, PROFIBUS PA (31.25 kBit/s), 3-pole, shielded, Angled connector M12, coding: B, to Angled female M12, coding: A, cable length: 1 m, for Ex zone with knurling stainless steel.

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 1419128
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 430 (C-2-2017)
GTIN 4046356541954
Weight per Piece (excluding packing) 102.300 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 1 m
Stripping length of the free conductor end 50 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65
IP67
IP68
IP69K
General
Note For applications in circuits of intrinsic safety protection type "i". Electrical values following EN 60079-14.
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
Color handle area black
Coding B - inverse
Signal type/category PROFIBUS PA, 31.25 kbps
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Stainless steel
Sealing material NBR
Pin assignment
Contact | Color (signal designation) | Contact (optional) 1 (Plug) | OG (DATA+) | 1 (Socket)
3 (Plug) | BU (DATA-) | 3 (Socket)
4 (Plug) | SR (shield) | 4 (Socket)
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type Fieldbus FOUNDATION/PROFIBUS PA, blue
Cable type (abbreviation) 961
Cable structure 2xAWG18/7 + 1xAWG20/7...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MR/ 1,0-961/M12FR VA 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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