INDUSTRIAL COMPONENT DATA

SAC-6P-MR/ 2,0-970/FR SCO 1428694 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-MR/ 2,0-970/FR SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-MR/ 2,0-970/FR SCO
Catalog number	1428694
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1E0B28BFDF
Generated	2026-11-19

Product Overview

Bus system cable
Bus system cable, VARAN (100 MBit/s), 6-pole, shielded, M12 angled connector, coding: A SPEEDCON, to Angled female M12, coding: A SPEEDCON, 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 1428694
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 324 (PC-2011)
GTIN 4046356322973
Weight per Piece (excluding packing) 198.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 2 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65
IP67
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 6
Color handle area black
Insulation resistance >= 100 M?
Coding A - standard
Signal type/category VARAN, 100 Mbps
Status display No
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Pin assignment
Contact | Color (signal designation) | Contact (optional) 1 (Plug) | N.C. | 1 (Socket)
2 (Plug) | N.C. | 2 (Socket)
6 (Plug) | BU (Power) | 6 (Socket)
7 (Plug) | BN (Power) | 7 (Socket)
5 (Plug) | GN/WH (RD+) | 5 (Socket)
8 (Plug) | GN (RD-) | 8 (Socket)
2 (Plug) | OG/WH (TD+) | 2 (Socket)
3 (Plug) | OG (TD-) | 3 (Socket)
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type VARAN
Cable type (abbreviation) 970
Cable abbreviation Li9YD12Y
Cable structure 1x2xAWG22/19 + 1x4xAWG24/19
Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-MR/ 2,0-970/FR SCO 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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