

INDUSTRIAL COMPONENT DATA

SACCBP-M12MS-6CON-M16/0,5-970 1429059 PHOENIX CONTACT Bus system flat-type plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACCBP-M12MS-6CON-M16/0,5-970



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACCBP-M12MS-6CON-M16/0,5-970
Catalog number	1429059
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-621054E953
Generated	2026-08-03

Product Overview

Bus system flat-type plug

Conect. plug. to be apar. poster wall, 8-pole, SANTOPRENE halogen-free, black RAL 9005, shielded, Male connector, straight, M12, coding: A, free cable end, Rear mounting, M16 x 1.5, Cable connection, cable length: 0.5 m, 0.25 mm², Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239591

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)

Additional Product Information

Key Commercial Data

Orderkey 1429059

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 324 (PC-2011)

GTIN 4046356323017

Weight per Piece (excluding packing) 65.200 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 0.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

-40 °C ... 85 °C (without mechanical actuation)

Degree of protection IP67

General

Note The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

Rated current at 40°C 2 A

Rated voltage 30 V

Rated surge voltage 0.8 kV

Number of positions 8

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles > 100

Torque 2 Nm ... 3 Nm (Installation-side)

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA 6.6

Material, knurls Nickel-plated brass

Sealing material FKM

Standards and Regulations

Flammability rating according to UL 94 V0

Cable

Cable type VARAN

Cable type (abbreviation) 970

Signal type/category VARAN CAT5 (IEC 11801), 100 Mbps

Cable structure 1x2xAWG22/19 + 1x4xAWG24/19

Conductor....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACCBP-M12MS-6CON-M16/0,5-970 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.