

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 0,8-920/M12MS 1445716 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 0,8-920/M12MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 0,8-920/M12MS
Catalog number	1445716
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-6CE2985CD0
Generated	2026-07-31

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, M12 straight connector, encoding: A, a M12 straight connector, coding: A, cable length: 0.8 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 1445716

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356583992

Weight per Piece (excluding packing) 83.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.8 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

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 Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type CAN Bus/DeviceNet

Cable type (abbreviation) 920

UL AWM style 21198 (80°C/300 V)

Cable structure 2xAWG24/19+2xAWG22/19

Conductor cross section 2x 0.25 mm² (Data cable)

2x 0.34 mm² (Power supply)

1x 0.34 mm² (Drain wire)

AWG signal line 24

AWG power supply 22

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 19x 0.15 mm

Core diameter including insulation 1.95 mm ± 0.05 mm (Data cable)

1.4 mm ± 0.05 mm (Power supply)

Wire colors Red-black, blue-white

Twisted pairs 2 cores to the pair

Type of pair shielding Plastic-coated aluminum foil, aluminum s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 0,8-920/M12MS 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.