

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 2-PUR/M12FS SH 1445020 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/ 2-PUR/M12FS SHBK 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2-PUR/M12FS SHBK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 2-PUR/M12FS SHBK
Catalog number	1445020
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-85E0EE2A74
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Product Overview

Sensor/actuator cable - SAC-5P-M12MS/ 2-PUR/M12FS SHBK - 1445020

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, to M12 straight connection female, 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)
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Additional Product Information

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, on Socket straight M12, cable length: 2 m

Key Commercial Data

Orderkey 1445020

Packing unit 1

GTIN 4046356576703

Custom tariff number 85444290

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 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

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

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 PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y

UL AWM style 20549

Conductor cross section $5 \times 0.34 \text{ mm}^2$ (Signal line)

AWG signal line 22

Conductor structure signal line $42 \times 0.10 \text{ mm}$

Core diameter including insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

Shielding Tinned copper braided shield

Optical shield covering 80 %

External sheath, color black-gray RAL 7021

External cable diameter $D 5.25 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bend...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2-PUR/M12FS SHBK 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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