

INDUSTRIAL COMPONENT DATA

SAC-4P-5,0-B20/M12FR BR-SM 1416257 PHOENIX CONTACT

Sensor/actuator cable, 4-position, PVC, gray RAL 7001, So..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-5,0-B20/M12FR BR-SM



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-5,0-B20/M12FR BR-SM
Catalog number	1416257
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-458EB1F66C
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Product Overview

Sensor/actuator cable, 4-position, PVC, gray RAL 7001, Socket angled M12, A-coded, on free cable end, cable length: 5 m, Customer version

Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, Elbow connection female M12, coding: A, to free cable end, cable length: 5 m, Customer variant

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

Key Commercial Data

Orderkey 1416257

Packing unit 1

GTIN 4055626177120

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Dimensions

General

Standards and Regulations

Classifications

Drawings

Dimensional drawing

M12 x 1 socket, angled

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment M12 socket, 4-pos., A-coded, view female side

Cable cross section

PVC gray [PVC]

[Back to top](#)Dimensions

Length of cable 5 m

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

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Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 4

Status display No

Overvoltage category II

Degree of pollution 3

[Back to top](#)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

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Flammability rating according to UL 94 HB

[Back to top](#)Cable

Cable type PVC gray

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section 4x 0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 19x 0.15 mm

Core diameter including insulation 1.26 mm ±0.05 mm

Thickness, insulation ≥ 0.23 mm (Core insulation)

Wire colors brown, white, blue, black...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-5,0-B20/M12FR BR-SM 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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