

INDUSTRIAL COMPONENT DATA

SAC-4P-5,0-B20/M12FS BR-SM 1416264 PHOENIX CONTACT

Sensor/actuator cable, PVC, gray RAL 7001, free cable end..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-5,0-B20/M12FS BR-SM



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-5,0-B20/M12FS BR-SM
Catalog number	1416264
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F2FD525DCA
Generated	2026-08-04

Product Overview

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

Sensor/actuator cable, PVC, grey RAL 7001, free cable end, to Straight connection female M12, coding: A, 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)**

Additional Product Information

Key Commercial Data
Orderkey 1416264
Packing unit 1
GTIN 4055626177168
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 topDimensions

Length of cable 5 m

Back to topAmbient conditions

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

Degree of protection IP65

IP67

IP68

Back to topGeneral

Rated voltage 250 V AC

250 V DC

Coding A - standard

Back to topMaterial

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

Back to topStandards and Regulations

Flammability rating according to UL 94 HB

Back to topCable

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

Overall twist 4 wires, twisted

External sheath, color gray RAL 7001

Outer sheath thickness...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-5,0-B20/M12FS 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

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.