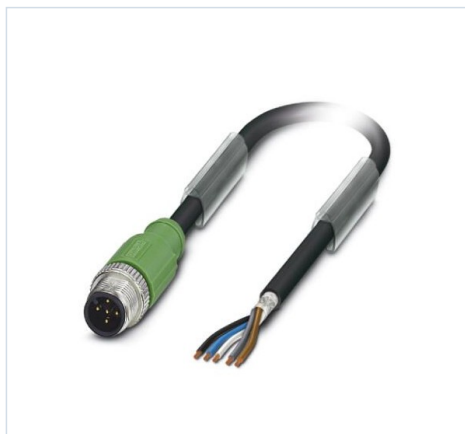


INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/20,0-PUR SH 1424081 PHOENIX CONTACT

Sensor/actuator cable SAC-5P-M12MS/20,0-PUR SH 1424081

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/20,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/20,0-PUR SH
Catalog number	1424081
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
Document ID	EO-6267930C0E
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/20,0-PUR SH - 1424081

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight connector, coding: A, to free cable end, cable length: 20 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

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A-coded, on free cable end, cable length: 20 m

Key Commercial Data

Orderkey 1424081

Packing unit 1

GTIN 4055626367668

Custom tariff number 85444290

Dimensions

Length of cable 20 m

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
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm (M12 connector)
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
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/20,0-PUR SH 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.