

INDUSTRIAL COMPONENT DATA

SAC-8P-20,0-PUR/M12FR SH VA 1022515 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-20,0-PUR/M12FR SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-20,0-PUR/M12FR SH VA
Catalog number	1022515
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-73EB4C8C73
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to Elbowed Female M12, coding: A, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1022515

Packing unit 1

GTIN 4055626516554

Custom tariff number 85444290

Dimensions

Length of cable 20 m

Stripping length of the free conductor end 50 mm

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

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
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Stainless steel
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 / 10493 (80°C/300 V)
Conductor cross section $8 \times 0.25 \text{ mm}^2$ (Signal line)
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation approx. 0.2 mm
Wire colors Brown, white, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-20,0-PUR/M12FR SH VA 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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