

INDUSTRIAL COMPONENT DATA

SAC-8P-M 8FR/ 0,3-PUR/M 8FR 1098315 PHOENIX CONTACT

Sensor/actuator cable, 8-position, PUR halogen-free, bla..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8FR/ 0,3-PUR/M 8FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8FR/ 0,3-PUR/M 8FR
Catalog number	1098315
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-CD3D1B55B6
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, Socket angled M8, on Socket angled M8, cable length: 0.3 m

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, Angled socket M8, to Angled socket M8, cable length: 0.3 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

Key Commercial Data

Orderkey 1098315

Packing unit 1

GTIN 4055626942551

Custom tariff number 85444290

Drawings

General

Classifications

Dimensions

Cable

Drawings

Cable cross section

PUR halogen-free black [PUR]

[Back to top](#)[Dimensions](#)

Length of cable 0.3 m

[Back to top](#)[General](#)

Number of positions 8

[Back to top](#)[Cable](#)

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section 8x 0.14 mm² (Signal line)

AWG signal line 26

Conductor structure signal line 18x 0.10 mm

Core diameter including insulation 1 mm ±0.02 mm (Signal line)

Thickness, insulation ≥ 0.21 mm (Signal line)

≥ 0.38 mm (Outer cable sheath)

Wire colors white, brown, green, yellow, gray, pink, blue, red

Overall twist 8 wires around filler to the core

Length of twist, overall twist 58 mm

External sheath, color black-gray RAL 7021

External cable diameter D 5.1 mm ±0.15 mm

Smallest bending radius, fixed installation 25.5 mm

Smallest bending radius, movable installation 51 mm

Number of bending cycles 4000000

Bending radius 51 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Outer sheath, material PUR

Material, filler PE

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance 1 G?·km (at 20 °C)

Conductor resistance 139 ?/km (at 20 °C)

Nominal voltage, cable ≤ 300 V AC

Test voltage, cable ≥ 3000 V AC (Spark test)

Flame resistance according to UL 758/1581 (horizontal)

in accordance with UL 758/1581 FT2

Halogen-free in accordance with DIN VDE 0472 part 815

in accordan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8FR/ 0,3-PUR/M 8FR 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.