

INDUSTRIAL COMPONENT DATA

SAC-8P-M 8MR/ 0,5-PUR 1417295 PHOENIX CONTACT

Sensor/actuator cable SAC-8P-M 8MR/ 0,5-PUR 1417295

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8MR/ 0,5-PUR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8MR/ 0,5-PUR
Catalog number	1417295
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-296A0E6563
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-8P-M 8MR/ 0,5-PUR - 1417295

Sensor/actuator cable, 8-pole, halogen-free PUR, RAL7021 black grey, M8 angled connector, free cable end, cable length: 0.5m

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, 8-pos., PUR, halogen-free, black gray RAL 7021, angled M8 connector to free cable end, cable length: 0.5 m

Key Commercial Data

Orderkey 1417295

Packing unit 1

GTIN 4055626089225

Custom tariff number 85444290

General

Rated current at 40°C 1.5 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Coding A - standard

Standards/regulations M8 connector IEC 61076-2-104

Status display No

Protective circuit/component unwired

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.2 Nm (M8 connectors)

Material

Flammability rating according to UL 94 HB

Standards and Regulations

Standard designation M8 connector

Standards/regulations IEC 61076-2-104

Flammability rating according to UL 94 HB

Cable

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section $8 \times 0.14 \text{ mm}^2$ (Signal line)

AWG signal line 26

Conductor structure signal line $18 \times 0.10 \text{ mm}$

Core diameter including insulation $1 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)

Thickness, insulation $\geq 0.21 \text{ mm}$ (Signal line)

$\geq 0.38 \text{ mm}$ (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 $D 5.1 \text{ mm} \pm 0.15 \text{ mm}$

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/s^2

Outer sheath, mat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8MR/ 0,5-PUR 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.