

INDUSTRIAL COMPONENT DATA

**SAC-5P-M 8MSB/ 0,5-115/M 8FSB 1414168 PHOENIX
CONTACT Sensor/actuator cable SAC-5P-M 8MSB/ 0,5-115/M
8FSB 14..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M 8MSB/ 0,5-115/M 8FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M 8MSB/ 0,5-115/M 8FSB
Catalog number	1414168
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5A19D8D897
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-5P-M 8MSB/ 0,5-115/M 8FSB - 1414168

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, M8 straight male connector, encoding: B, a M8 straight connection female, encoding: B, cable length: 0.5 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, Plug straight M8, B-coded, on Socket straight M8, B-coded, cable length: 0.5 m

Key Commercial Data

Orderkey 1414168

Packing unit 1

GTIN 4055626018775

Custom tariff number 85444290

Dimensions

Length of cable 0.5 m

Ambient conditions

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

General

Rated current at 40°C 3 A

Rated voltage 30 V AC

30 V DC

Number of positions 5

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding B - inverse

Standards/regulations M8 connector IEC 61076-2-104

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 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 M8 connector

Standards/regulations IEC 61076-2-104

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) 115

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section 0.25 mm^2

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. 0.21 mm (Core insulation)

approx. 0.7 mm (Outer cable sheath)

Wire colors Brown, white, blue, black, gr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M 8MSB/ 0,5-115/M 8FSB 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.