

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/5,4-PUR/M12FS VA 1050811 PHOENIX

CONTACT Sensor/actuator cable

SAC-5P-M12MS/5,4-PUR/M12FS VA 10..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/5,4-PUR/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/5,4-PUR/M12FS VA
Catalog number	1050811
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7A6340AAE5
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/5,4-PUR/M12FS VA - 1050811

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 5.4 m, High-grade steel knurl

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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 5

ConnectorConnection 1

Type Plug straight M12

Number of positions 5

Coding type A

Connection 2

Type Socket straight M12

Number of positions 5

Coding type A

Cable/lineCable length 5.4 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 33 kg/km

UL AWM Style 20549

Number of positions 5

Shielded no

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 5x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm 0.05 mm (Signal line)

External cable diameter 4.55 mm ±0.15 mm

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color brown, white, blue, black, green-yellow

Thickness, insulation approx. 0.50 mm

Max. conductor resistance max. 58 Ω /km (at 20 °C)

Insulation resistance $\geq 16 \text{ G}\Omega\cdot\text{km}$ (at 20 °C)

Nominal voltage, cable 300 V

Test voltage 3000 V

Smallest bending radius, fixed installation 23 mm

Smallest bending radius, movable installation 46 mm

Dynamic load capacity (bending) Max. bending cycles: 4000000, Bending radius: 50 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²

Halogen-free in accordance with DIN VDE 0472 part 815

Flame resistance in accordance with UL 758/1581 FT2

DIN EN 60332-2-2 (20 s)

Resistance to oil in accordance with DIN EN 60811-2-1

Other resistance Highly resista...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/5,4-PUR/M12FS 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 PI #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.