

## INDUSTRIAL COMPONENT DATA

# SAC-5P-40,0-PUR/M12FS SH VA 1410705 PHOENIX CONTACT

## Sensor/actuator cable SAC-5P-40,0-PUR/M12FS SH VA 1410705

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-40,0-PUR/M12FS SH VA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-5P-40,0-PUR/M12FS SH VA |
| Catalog number  | 1410705                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-25DBF86E2D               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable - SAC-5P-40,0-PUR/M12FS SH VA - 1410705

Sensor/actuator cable, 5-pos., PUR, halogen-free, RAL 7021 (black gray), shielded, straight M12 socket, A-coded, to free cable end, with stainless steel knurl, cable length: 40 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

Cable/linePUR halogen-free black [PUR]

Dimensional drawing

Cable weight 43 kg/km

UL AWM Style 20549 / 10493 (80°C/300 V)

Number of positions 5

Shielded yes

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 mm<sup>2</sup> (Signal line)

Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)

External cable diameter 5.25 mm ±0.2 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, gray

Thickness, insulation ≥ 0.21 mm

Thickness, outer sheath approx. 0.50 mm

Overall twist 5 wires around filler to the core

Optical shield covering 80 %

Max. conductor resistance max. 57 Ω/km (at 20 °C)

Insulation resistance 70 GΩ\*km (at 20 °C)

Nominal voltage, cable 300 V (at 20 °C)

Test voltage Core/Core 3000 V (at 20 °C)

Smallest bending radius, fixed installation 26 mm

Smallest bending radius, movable installation 52 mm (up to +60 °C)

Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 52 mm, Traversing path: 10 m,

Traversing rate: 3 m/s, Acceleration: 10 m/s<sup>2</sup>

Halogen-free in accordance with DIN VDE 0472 part 815

in accordance with DIN EN 50267-2-1

Flame resistance in accordance with UL 758/1581 FT2

DIN EN 60332-2-2 (20 s)

Resistance to oil....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-40,0-PUR/M12FS SH VA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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