INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MS/10-PVC/FS SH8 VA 1079923 PHOENIX CONTACT Sensor/actuator cable, 8-position, PVC, black RAL 9005..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/10-PVC/FS SH8 VA**

PRODUCT IMAGE\nNOT AVAILABLE

| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-8P-M12MS/10-PVC/FS SH8 VA |
| Catalog number | 1079923 |
| Category | Sensor-actuator patch cord |
| Minimum order | 100 Pcs |
| Document ID | EO-C6F11A6E75 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable, 8-position, PVC, black RAL 9005, shielded, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 3 m, Customer version
Sensor/actuator cable, 8-pole, PVC, black RAL 9005, shielded, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 3 m, Customer variant

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 1079923
Packing unit 1
GTIN 4055626802206
Custom tariff number 85444290
Dimensions
Cable
Classifications
General
Environmental Product Compliance

Dimensions
Length of cable 3 m
Back to topGeneral
Number of positions 8
Back to topCable
Note The cable is not suitable for use with drag chains.
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYF-C-Y
Conductor cross section 8x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Thickness, insulation >= 0.38 mm (Conductor insulation, signal line)
>= 0.76 mm (Outer cable sheath)
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core, twisted in with additional Cu litz in the wire outer godet
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black RAL 9005
External cable diameter D 7.7 mm ±0.2 mm
Smallest bending radius, fixed installation 38.5 mm
Smallest bending radius, movable installation 77 mm
Cable weight 85 kg/km
Outer sheath, material PVC
Material, filler PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 10 G?*km
Conductor resistance <= 78 ?/km
Nominal voltage, cable 300 V
Test voltage, cable 3000 V
Ambient temperature (operation) -25 °C ... 105 °C (cable, fixed installation)
Back to topEnvironmental Product Compliance
REACh SVHC
Lead....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/10-PVC/FS SH8 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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