

**INDUSTRIAL COMPONENT DATA**

# SAC-8P-M12FS/ 0,8-PUR/M12FS SH 1420030 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12FS/ 0,8-PUR/M12FS SH ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12FS/ 0,8-PUR/M12FS SH



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-8P-M12FS/ 0,8-PUR/M12FS SH |
| Catalog number  | 1420030                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-22E8543EDA                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-8P-M12FS/ 0,8-PUR/M12FS SH - 1420030

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, Straight connection female M12, coding: A, a Straight connection female M12, coding: A, cable length: 0.8 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, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, Socket straight M12, A-coded, on Socket straight M12, A-coded, cable length: 0.8 m

Key Commercial Data

Orderkey 1420030

Packing unit 1

GTIN 4055626200729

Custom tariff number 85444290

Dimensions

Length of cable 0.8 m

General

Rated current at 40°C 2 A

Rated voltage 30 V AC  
30 V DC  
Number of positions 8  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Status display No  
Overvoltage category II  
Degree of pollution 3  
Material  
Flammability rating according to UL 94 HB  
Contact material CuZn  
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  
Flammability rating according to UL 94 HB  
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation LiF9YC11Y  
UL AWM style 20549 / 10493 (80°C/300 V)  
Conductor cross section  $8 \times 0.25 \text{ mm}^2$  (Signal line)  
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.  $0.2 \text{ mm}$   
Wire colors Brown, white, green, yellow, gray, pink, blue, red  
Overall twist 8 wires around filler to the core  
Shielding Tinned copper braided shield  
Optical shield covering 85 %  
External sheath, color black-gray RAL 7021  
Outer sheath thickness approx.  $0.5 \text{ mm}$   
External cable diameter  $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$   
Minimum bending ra...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12FS/ 0,8-PUR/M12FS SH 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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