

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12FS/ 8,0-PUR/M12FS VW 1502358 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12FS/ 8,0-PUR/M12FS VW



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12FS/ 8,0-PUR/M12FS VW |
| Catalog number  | 1502358                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-B69663635A                  |
| Generated       | 2026-08-05                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, irradiation cross-linked, orange RAL 2003, Straight female M12, coding: A, a Straight female M12, coding: A, cable length: 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

Key Commercial Data

Orderkey 1502358

Packing unit 1 pc

GTIN 4017918857677

Weight per Piece (excluding packing) 328.500 g

Custom tariff number 85444290

Country of origin IN (India)

Dimensions

Length of cable 8 m

Ambient conditions

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

General

Rated current at 40°C 4 A

Rated voltage 48 V AC  
60 V DC  
Number of positions 5  
Coding A - standard  
Insertion/withdrawal cycles  $\geq 100$   
Material  
Contact material CuSn  
Contact surface material Ni/Au  
Cable  
Cable type PUR irradiated halogen-free orange  
Cable type (abbreviation) 150  
Cable abbreviation D12YSL11X-JB  
Conductor cross section 4x 0.34 mm<sup>2</sup> (Signal line)  
1x 0.5 mm<sup>2</sup> (PE connection)  
AWG signal line 22  
AWG power supply 20  
Conductor structure signal line 42x 0.10 mm  
Conductor structure, voltage supply 24x 0.15 mm  
Wire colors Brown, blue, black, white, green/yellow  
Overall twist 5 cores, twisted  
External sheath, color orange RAL 2003  
External cable diameter D 5.2 mm  $\pm 0.2$  mm  
Smallest bending radius, fixed installation min. 20 mm  
Smallest bending radius, movable installation min. 30 mm  
Number of bending cycles 5000000  
Bending radius 52 mm  
Traversing path 10 m  
Traversing rate 3 m/s  
Outer sheath, material PUR  
Material conductor insulation PE  
Conductor material Bare Cu litz wires  
Conductor resistance  $\leq 57.5 \text{ } \Omega/\text{km}$  (with 0.34 mm<sup>2</sup> conductor cross section)  
 $\leq 39 \text{ } \Omega/\text{km}$  (with 0.5 mm<sup>2</sup> conductor cross section)  
Nominal voltage, cable 250 V (AC)  
Test voltage, cable 2000 V (50 Hz, 5 minutes)  
Special....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12FS/ 8,0-PUR/M12FS VW 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

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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