

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M 8MS/ 3,0-280/M 8FS BK 1400346 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 3,0-280/M 8FS BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M 8MS/ 3,0-280/M 8FS BK |
| Catalog number  | 1400346                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-C4B803696F                  |
| Generated       | 2026-08-04                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, M8 straight male connector, to M8 straight connection female, cable length: 3 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 1400346

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356490412

Weight per Piece (excluding packing) 80.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

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 CuSn

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 gray

Cable type (abbreviation) 280

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section  $0.25 \text{ mm}^2$

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  $\geq 0.21 \text{ mm}$  (Core insulation)

approx.  $0.9 \text{ mm}$  (Outer cable sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color silver-gray RAL 7001

External cable diameter  $D 4.4 \text{ mm} \pm 0.15 \text{ mm}$

Smallest bending radius, fixed installation  $44 \text{ mm}$

Smallest bending radius, movable installation  $44 \text{ mm}$

Number of bending cycles 4000000

Bending radius  $44 \text{ mm}$

Trave...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 3,0-280/M 8FS BK 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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