

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-280/M 8FS BK 1400352 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-280/M 8FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-280/M 8FS BK
Catalog number	1400352
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-58B8719039
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-Pole, Halogen-Free PUR, RAL 7001 Grey, Free Cable End, to M8 Straight Connect Female, Cable Length: 5m

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 1400352

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356490504

Weight per Piece (excluding packing) 116.400 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 m

Stripping length of the free conductor end 50 mm

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 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 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 mm

Smallest bending radius, movable installation 44 mm

Number of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-280/M 8FS BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.