

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-100/M 8FR 1577192 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-100/M 8FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-100/M 8FR
Catalog number	1577192
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-EA686F1737
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, to Elbow connection female M8, cable length: 5 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 1577192

Packing unit 1 pc

Minimum order quantity 25 pc

GTIN 4046356449717

Weight per Piece (excluding packing) 130.200 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

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

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/PVC gray
Cable type (abbreviation) 100
Cable abbreviation LiYY-11Y
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 $1.32 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
 $\geq 0.38 \text{ mm}$ (Outer cable sheath)
approx. $3.5 \text{ mm} \pm 0.1 \text{ mm}$ (Inner sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color gray RAL 7001
External cable diameter D $4.4 \text{ mm} \pm 0.2 \text{ mm}$
Smallest bending radius, fixed installation 22 mm
Small...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-100/M 8FR 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.