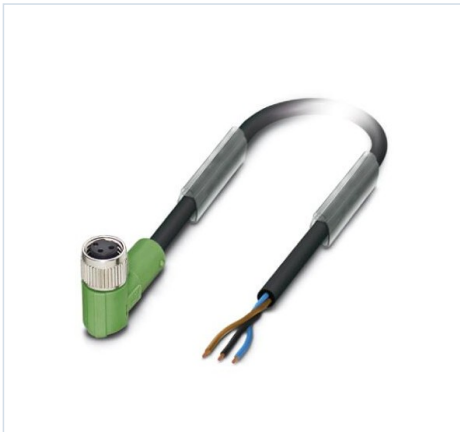


INDUSTRIAL COMPONENT DATA

SAC-3P-35,0-100/M 8FR 1085910 PHOENIX CONTACT

Sensor/actuator cable, 3-position, PUR/PVC, gray RAL 7001, fre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-35,0-100/M 8FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-35,0-100/M 8FR
Catalog number	1085910
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-78B16D13EC
Generated	2026-08-06

Product Overview

Sensor/actuator cable, 3-position, PUR/PVC, gray RAL 7001, free cable end, on Socket angled M8, cable length: 35 m
Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, to Angled connection female M8, cable length: 35 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)
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Additional Product Information

Key Commercial Data

Orderkey 1085910

Packing unit 1

GTIN 4055626875880

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Dimensions

General

Standards and Regulations

Classifications

Drawings

Dimensional drawing

Socket M8 x 1, angled

Circuit diagram

Contact assignment of M8 plugs/sockets

Schematic diagram

Pin assignment M8 socket, 3-pos., view female side

Cable cross section

PUR/PVC gray [100]

[Back to top](#)Dimensions

Length of cable 35 m

Stripping length of the free conductor end 50 mm

[Back to top](#)Ambient conditions

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

[Back to top](#)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

[Back to top](#)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

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 HB

[Back to top](#)Cable

Cable type PUR/PVC gray

Cable type (abbreviation) 100

Cable abbreviation LiYY-11Y

Conductor cross section 0.25 mm²

AWG signal line 24

Conductor structure signal line 32x 0.10 mm

Core diameter including insulation 1.32 mm $\pm 0.02 \text{ mm}$

Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

$\geq 0.38 \text{ mm}$ (Outer cable sh...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-35,0-100/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

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