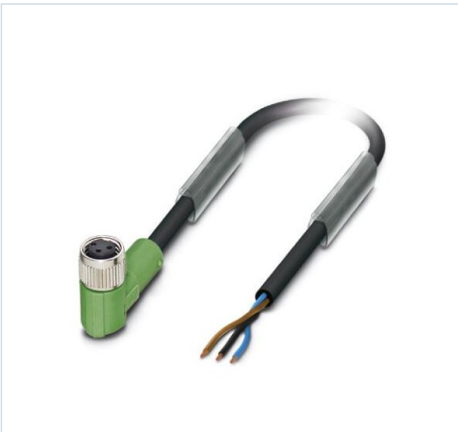


INDUSTRIAL COMPONENT DATA

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	2026-08-04

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 \text{ 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}\$ \(Core insulation\)](#)

[Thickness, insulation \$\geq 0.38 \text{ mm}\$ \(Outer cable sheath\)](#)

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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