INDUSTRIAL COMPONENT DATA

SAC-3P-25,0-100/M 8FR 1085909 PHOENIX CONTACT Sensor/actuator cable, 3-position, PUR/PVC, gray RAL 7001, fre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-25,0-100/M 8FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-25,0-100/M 8FR
Catalog number	1085909
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-FE41A8FC15
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-position, PUR/PVC, gray RAL 7001, free cable end, on Socket angled M8, cable length: 25 m
Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, to Elbow connection female M8, cable length: 25 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 3
No. of cable outlets 1
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn

Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M8
Number of positions 3
Cable/lineCable length 25 m
PUR halogen-free gray [280]
Dimensional drawing
Cable weight 18 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 3
Shielded no
Cable type PUR halogen-free gray [280]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 3x 0.25 mm²
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 3.60 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, blue, black
Thickness, insulation >= 0.21 mm (Core insulation)
Thickness, outer sheath approx. 0.50 mm
Overall twist 3 wires, twisted
Length of twist, overall twist 40 mm
Max. conductor resistance...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-25,0-100/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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