INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/ 4,5-PUR/M12FS 1085917 PHOENIX CONTACT Sensor/actuator cable, 3-position, PUR halogen-free, bla..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 4,5-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 4,5-PUR/M12FS
Catalog number	1085917
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-7904C76B55
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M12, A-coded, cable length: 4.5 m
Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M8, to Straight connection female M12, coding: A, cable length: 4.5 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 1085917
Packing unit 1
GTIN 4055626876863
Custom tariff number 85444290
Drawings
Ambient conditions
Material
Cable
Classifications
Dimensions
General

Standards and Regulations
Environmental Product Compliance
Drawings
Dimensional drawing
M8 x 1 male plug, straight version
Dimensional drawing
M12 x 1 socket, straight
Circuit diagram
Contact assignment of M8 plugs / M12 sockets
Schematic diagram
Pin assignment M8 plug, 3-pos., view male side
Schematic diagram
Pin assignment M12 socket, 3-pos., A-coded, view female side
Cable cross section
PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 4.5 m
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Back to topMaterial
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 topStandards and Regulations
Standards/specifications M12 connector
Flammability rating according to UL 94 HB
Back to topCable
Cable type PUR halogen-fr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 4,5-PUR/M12FS 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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