INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/1,0-PUR/M12MS SH 1095299 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, b..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/1,0-PUR/M12MS SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/1,0-PUR/M12MS SH
Catalog number	1095299
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-78307052F2
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A-coded, on Plug straight M12, A-coded, cable length: 1 m
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, a M12 straight male connector, coding: A, cable length: 1 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 1095299
Packing unit 1
GTIN 4055626924519
Custom tariff number 85444290
Drawings
Ambient conditions
Material
Cable
Dimensions

General
Standards and Regulations
Classifications
Drawings
Dimensional drawing
Plug, M12 x 1, straight, shielded
Dimensional drawing
Plug, M12 x 1, straight, shielded
Circuit diagram
Contact assignment of the M12 plug and the M12 socket
Schematic diagram
Pin assignment M12 male connector, 5-pos., A-coded, male side
Cable cross section
PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 1 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 5
Coding A - standard
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
Flammability rating according to UL 94 HB
Back to topCable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter includin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/1,0-PUR/M12MS SH 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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