INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/5,0-PUR VA 1412461 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/5,0-PUR VA 1412461

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/5,0-PUR VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/5,0-PUR VA
Catalog number	1412461
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C5F9CE57E6
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/5,0-PUR VA - 1412461
Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M12, coding: A, to free cable end, cable length: 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

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on free cable end, cable length: 5 m
Key Commercial Data
Orderkey 1412461
Packing unit 1
GTIN 4046356962766
Custom tariff number 85444290
Dimensions
Length of cable 5 m
Stripping length of the free conductor end 50 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
General

Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Stainless steel
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 8x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/5,0-PUR VA 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.