INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 2,5-PUR/A-1L-Z 1444908 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12MS/ 2,5-PUR/A-1L-Z 1444..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 2,5-PUR/A-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 2,5-PUR/A-1L-Z
Catalog number	1444908
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-4397EE8A1C
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12MS/ 2,5-PUR/A-1L-Z - 1444908
Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M12, coding: coded A, a Valve connector A, with 1 LED, connected with Diode Z, cable length: 2.5 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, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Valve connector A, with 1 LED, connected with Z diode, cable length: 2.5 m
Key Commercial Data
Orderkey 1444908
Packing unit 1
GTIN 4046356575140
Custom tariff number 85444290
Dimensions
Length of cable 2.5 m
Ambient conditions
Degree of protection IP65
IP67
General

Rated current at 40°C 4 A
Rated voltage 24 V AC
24 V DC
Number of positions 3
Insulation resistance >= 100 M?
Status display 1 LED
Protective circuit/component Z diode
Overvoltage category III
Degree of pollution 3
Insertion/withdrawal cycles >= 100
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
Valve plug contact material CuSn
Valve plug contact surface material Sn
Valve plug contact insert material PA 6.6
Material housing valve plug TPU
Material, knurls Zinc die-cast, nickel-plated
Sealing material TPU (Seal molded)
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section 3x 0.5 mm²
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 2,5-PUR/A-1L-Z 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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