INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,0-PUR/BI-1L-Z 1438613 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12MS/1,0-PUR/BI-1L-Z 1438..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,0-PUR/BI-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,0-PUR/BI-1L-Z
Catalog number	1438613
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-04AD0788AB
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12MS/1,0-PUR/BI-1L-Z - 1438613
Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M12, coding: A, a BI valve connector (11 mm), with 1 LED, connected with Z Diode, 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

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Valve connector BI (11 mm), with 1 LED, connected with Z diode, cable length: 1 m
Key Commercial Data
Orderkey 1438613
Packing unit 1
GTIN 4046356496650
Custom tariff number 85444290
Dimensions
Length of cable 1 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
-20 °C ... 85 °C (valve plug)
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?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Valve connector EN 175301-803
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
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Standard designation Valve connector
Standards/regulations EN 175301-803
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cabl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,0-PUR/BI-1L-Z with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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