

INDUSTRIAL COMPONENT DATA

SAC-3P-M8MS/0,45PUR/BI-1L-Z180 1420733 PHOENIX

CONTACT Sensor/actuator cable

SAC-3P-M8MS/0,45PUR/BI-1L-Z180 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/0,45PUR/BI-1L-Z180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M8MS/0,45PUR/BI-1L-Z180
Catalog number	1420733
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C396D2D6E3
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-3P-M8MS/0,45PUR/BI-1L-Z180 - 1420733

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 0.45 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

Technical dataProduct propertiesProduct type Sensor/actuator cable with valve connector

Application Standard

Number of positions 3

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material TPU

Material housing valve plug TPU
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Contact material CuSn
Valve plug contact insert material PA 6.6
Contact surface material Sn
Material for screw connection Zinc die-cast, nickel-plated
Electrical properties Insulation resistance $\geq 100 \text{ M}\Omega$
Nominal voltage UN 24 V AC
24 V DC
Nominal current IN 4 A
Signaling Status display 1 LED
Status display present Yes
Connector Connection 1
Type Plug straight M8
Coding type A
Connection 2
Type Valve connector BI (11 mm)
Material CuSn (Contact)
Sn (Contact surface)
PA 6.6 (Contact carriers)
TPU (Housing)
Cable/line Cable length 0.45 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 23 kg/km
UL AWM Style 20549
Number of positions 3
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section $3 \times 0.34 \text{ mm}^2$ (Signal line)
Wire diameter incl. insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)
External cable diameter $3.85 \text{ mm} \pm 0.15 \text{ mm}$
Outer sheath, material PUR
External sheath, color black-gray RAL 702...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/0,45PUR/BI-1L-Z180 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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