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

PRODUCT IMAGE\nNOT AVAILABLE

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-6293BAD976
Generated	2026-11-19

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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 24 V AC
24 V DC
Nominal current IN 4 A
SignalingStatus display 1 LED
Status display present Yes
ConnectorConnection 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/lineCable 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 3x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 3.85 mm ±0.15 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

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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