INDUSTRIAL COMPONENT DATA

SAC-MS/0,3PVC/BI-1LZ110V BK180 1416157 PHOENIX CONTACT Sensor/actuator cable SAC-MS/0,3PVC/BI-1LZ110V BK180 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-MS/0,3PVC/BI-1LZ110V BK180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-MS/0,3PVC/BI-1LZ110V BK180
Catalog number	1416157
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-157EBC4425
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-MS/0,3PVC/BI-1LZ110V BK180 - 1416157
Sensor/actuator cable, 3-pole, M12 straight connector, coding: A SPEEDCON, a BI valve connectors (11mm), with 1 LED, connected with Diode Z, cable length: 0.3 m, 180° variant
Sensor/actuator cable, 3-position, PVC, black RAL 9005, Plug straight M12 SPEEDCON, coding: A, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 0.3 m, 180° version

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
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
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 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100 (M12 connector)
SignalingStatus display 1 LED
Status display present Yes
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Locking type SPEEDCON
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 0.3 m
PVC black [PVC]
Dimensional drawing
Cable weight 38.6 kg/km
UL AWM Style 2464
Number of positions 3
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 16x 0.20 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Wire diameter incl. insulation 1.5 mm ±0.05 mm
External cable diameter 4.80 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color black RA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-MS/0,3PVC/BI-1LZ110V BK180 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.