INDUSTRIAL COMPONENT DATA

SAC-2P-M 8MR/0,68-PUR/CI-1L-Z 1403156 PHOENIX CONTACT Sensor/actuator cable, 2-position, PUR halogen-free, b..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M 8MR/0,68-PUR/CI-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M 8MR/0,68-PUR/CI-1L-Z
Catalog number	1403156
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C3703E92A7
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 2-position, PUR halogen-free, black-gray RAL 7021, Plug angled M8, on Valve connector CI (9.4 mm), with 1 LED, connected with Z diode, cable length: 0.68 m
Sensor/actuator cable, 2-pole, M8 angled connector, to IC valve connectors (9.4mm), with 1 LED, connected with Z-diode, cable length: 0.68 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
Number of positions 2
Connection dataPin assignment
Contact Color (signal designation) Contact (optional) 3 (M8 plug) BU 2 (Valve connector)
4 (M8 plug) BN 1 (Valve connector)
1 (M8 plug) N.C.
Electrical propertiesNominal voltage UN 24 V AC
24 V DC
ConnectorConnection 1
Type Plug angled M8

Connection 2
Type Valve connector CI (9.4 mm)
Cable/lineCable length 0.68 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 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, blue, black
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.50 mm (Outer cable sheath)
Overall twist 3 wires, twisted
Max. conductor resistance max. 58 ?/km (at 20 °C)
Insulation resistance >= 100 G?*km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, movable installation 38 mm
Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 38 mm, Traversing path: 10 m, Traversing ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M 8MR/0,68-PUR/CI-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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