INDUSTRIAL COMPONENT DATA

SAC-3P- 7,0-500/BI-1L-Z 1439052 PHOENIX CONTACT Sensor/actuator cable SAC-3P- 7,0-500/BI-1L-Z 1439052

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-7,0-500/BI-1L-Z

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-7,0-500/BI-1L-Z
Catalog number	1439052
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-66F514C2EA
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P- 7,0-500/BI-1L-Z - 1439052
Sensor/actuator cable, 3-pole, free cable end, to BI valve connectors (11mm), with 1 LED, connected with Z-diode, cable length: 7 m
Sensor/actuator cable, 3-position, PVC, gray RAL 7001, free cable end, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 7 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 3
Electrical propertiesNominal voltage UN 24 V AC
24 V DC
ConnectorConnection 1
Type free cable end
Connection 2
Type Valve connector BI (11 mm)
Number of positions 3
Cable/lineCable length 7 m
PVC gray [500]

Dimensional drawing
Cable weight 39.2 kg/km
Number of positions 3
Shielded no
Cable type PVC gray [500]
Conductor type Round cable
Conductor structure signal line 16x 0.20 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm² (Signal line)
Wire diameter incl. insulation 1.5 mm ±0.05 mm (Signal line)
External cable diameter 4.80 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color black 1, black 2, green/yellow
Overall twist Wires twisted in layers
Max. conductor resistance 39 ?/km (at 20 °C)
Insulation resistance min. 20 M?*km
Nominal voltage, cable 300 V
Test voltage 1200 V
Minimum bending radius, fixed installation 5 x D
Smallest bending radius, fixed installation 24 mm
Flame resistance DIN EN 50265-2-1
Resistance to oil in accordance with DIN EN 60811-2-1
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (Cable, flexible installation)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-7,0-500/BI-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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