INDUSTRIAL COMPONENT DATA

# SAC-3P-M12MR/0,6-PUR/BI-1L-Z 1439382 PHOENIX CONTACT Cable for sensors/actuators SAC-3P-M12MR/0,6-PUR/BI-1L-..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/0,6-PUR/BI-1L-Z**

PRODUCT IMAGE\nNOT AVAILABLE

| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-3P-M12MR/0,6-PUR/BI-1L-Z |
| Catalog number | 1439382 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-4E708FC7F1 |
| Generated | 2026-11-19 |

## Product Overview

Cable for sensors/actuators - SAC-3P-M12MR/0,6-PUR/BI-1L-Z - 1439382
Sensor/actuator cable, 3-pole, M12 angled connector, to BI valve connectors (11mm), with 1 LED, connected with Z Diode, cable length: 0.6 m
Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 0.6 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
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
ConnectorConnection 1
Type Plug angled M12
Number of positions 3
Connection 2
Type Valve connector BI (11 mm)

Number of positions 3
Cable/lineCable length 0.6 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 30 kg/km
UL AWM Style 20549
Number of positions 3
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 28x 0.15 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Wire diameter incl. insulation 1.5 mm ±0.05 mm (Signal line)
External cable diameter 4.50 mm ±0.2 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 black 1, black 2, green/yellow
Overall twist 3 wires, twisted
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
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 22.5 mm
Smallest bending radius, movable installation 45 mm
Dynamic load capacity (bending) Max. bending cycles: 15000000, Bending radius: 50 mm, Traversing path: 0.9 m, Traversing rate: 5 m/s, Acceleration: 30 m/s²
Halogen-free in accordanc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MR/0,6-PUR/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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