INDUSTRIAL COMPONENT DATA

# SAC-3P-MR/BI-1L-Z SCO 180 1409724 PHOENIX CONTACT Valve connector, 3-pin, male Connector right angle M12, a-..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MR/BI-1L-Z SCO 180**




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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-3P-MR/BI-1L-Z SCO 180 |
| Catalog number | 1409724 |
| Category | Valve connector (field assembly) |
| Minimum order | 25 Pcs |
| Document ID | EO-C7A9B50E25 |
| Generated | 2026-11-19 |

## Product Overview

Valve connector, 3-pin, male Connector right angle M12, a-coded, On valve Connector BI (11 mm), with 1 LED, connected with Diode Z, Face of connector plug valve rotated 180°
Valve connector, 3-pole, M12 angled connector, coding: A, with 1 LED, connected with Z Diode, to BI valve connectors (11mm), with 1 LED, connected with Z Diode, Valve connector plug face rotated 180°
Valve connector, 3-pole, M12 angled connector, coding: A, with 1 LED, Circuit: Z diode, a BI valve connectors (11 mm), with 1 LED, Circuit: Z diode, Valve connector plug face rotated 180°

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Technical dataItem PropertiesProduct Type Valve Connector Adapter
Number of poles 3
Number of Cable Outlets 1
Codification to
Data Maintenance Status
Article Review 02
Insulation Properties
Surge Category Ii
Degree of pollution 3
Connection dataConnection type M12 connector

Tightening torque 0.6 Nm (Valve Connector)
Electrical PropertiesInsulation resistance >= 100 M?
Nominal voltage UN 24 V AC
24 V DC
Nominal Current IN 4 A
Mechanical PropertiesMechanical data
Plug Cycles >= 100
Material DataFlammability class according to UL 94 HB
Gasket material TPU
Valve connector housing material TPU
Contact material CuSn
Material: Contact Surface Ni/AU
Contact Support Material PA 66
Contact material CuSn
Material: Insert Contacts Valve Connector AP 6.6
Material: Contact Surface Sn
Screw connection material Zinc die-cast iron, nickel-plated
SignageStatus Indication LED (yellow)
Available Status Indication Yes
ConnectorsConnection 1
Construction M12 Angled Connector
Number of poles 3
Encoding Type to
Connection 2
Construction BI Valve Connectors (11 mm)
Number of poles 3
Material CuSn (Contact)
Sn (Surface Contacts)
PA 6.6 (Contact Support)
TPU (Shell)
Environmental and life-life conditionsEnvironmental conditions
Protection Index IP65
IP67
Ambient Temperature (Service) -25°C ... 85°C (valve connector)
Standards & SpecificationsM12
Denomination of standard M12 connector
Rules/Provisions IEC 61076-2-101

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MR/BI-1L-Z SCO 180 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

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