

## INDUSTRIAL COMPONENT DATA

# SAC-3P-MS/A-1L-Z SCO 1458525 PHOENIX CONTACT Valve connectors, 3-position, Plug straight M12 SPEEDCON, A-cod..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MS/A-1L-Z SCO



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | SAC-3P-MS/A-1L-Z SCO             |
| Catalog number  | 1458525                          |
| Category        | Valve connector (field assembly) |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-AA403C8EC5                    |
| Generated       | 2026-08-03                       |

## Product Overview

Valve connectors, 3-position, Plug straight M12 SPEEDCON, A-coded, on Valve connector A, with 1 LED, connected with Z diode

Valve connector, 3-pole, M12 straight connector, coding: A SPEEDCON, a A valve connectors, with 1 LED, connected with Z Diode

## 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

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (valve plug)

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 24 V AC/DC

Number of positions 3

Insulation resistance >= 100 M?

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Valve connector EN 175301-803

Status display Yellow LED  
Protective circuit/component Z diode  
Overvoltage category II  
Pollution degree 3  
Connection method M12 connector  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.6 Nm (Valve connector)  
Material  
Flammability rating according to UL 94 HB  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PA66  
Valve plug contact material CuSn  
Valve plug contact surface material Sn  
Valve plug contact insert material PA 66  
Material housing valve plug TPU  
Material, knurls Zinc die-cast, nickel-plated  
Sealing material TPU (Seal molded)  
ETIM for 1458525 Sensors (EC003623)  
Feature Name  
Feature Value  
Number of poles (EF001391)  
3  
Rated voltage (EF000228)  
24 V  
Rated current (EF000227)  
4 A  
Housing material (EF001596)  
Other  
Material of contact surface (EF004020)  
Tin  
Pollution degree (EF006786)  
3  
Inflammability class of insulation material according to UL94 (EF002521)  
HB  
Operating temperature (EF002393)  
-25 °C  
Degree of protection (IP), mounted (EF007466)  
IP65  
Min. number of insertion cycles (EF012212)  
50  
With PE-connection (EF005600)  
No  
With status indication (EF001602)  
Yes

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MS/A-1L-Z SCO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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