

INDUSTRIAL COMPONENT DATA

SAC-4P-MS/A-1L-Z D SCO 1458583 PHOENIX CONTACT Valve connectors, 4-position, Plug straight M12, A-coded, on ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-MS/A-1L-Z D SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-MS/A-1L-Z D SCO
Catalog number	1458583
Category	Valve connector (field assembly)
Minimum order	1 Pcs
Document ID	EO-76155D52B4
Generated	2026-08-04

Product Overview

Valve connectors, 4-position, Plug straight M12, A-coded, on Valve connector A (DESINA), with 1 LED, connected with Z diode

Valve connector, 4-pole, M12 straight connector, coding: A, with 1 LED, connected with Z Diode, to Valve Connectors A (DESINA), with 1 LED, connected with Z Diode

Valve connectors, 4-position, Plug straight M12, coding: A, with 1 LED, Wiring: Z diode, on Valve connector A (DESINA), with 1 LED, Wiring: 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

Technical dataProduct propertiesProduct type Valve connector adapter

Number of positions 4

No. of cable outlets 1

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

DimensionsDimensional drawing

Width 28 mm

Height 42.4 mm

Length 41 mm

Connection dataConnection method M12 connector

Tightening torque 0.6 Nm (valve plug)

Electrical propertiesInsulation resistance $\geq 100\text{ M}\Omega$

Nominal voltage UN 24 V AC

24 V DC

Nominal current IN 4 A

Valve connector characteristics

Fixing screws M3 x 29

Pulse power 40 W (at 100 μs square-wave pulse)

Terminal voltage 70 V (at 2 mA constant current)

Reverse voltage 50 V

Mechanical propertiesMechanical data

Insertion/withdrawal cycles 50 (valve plug)

≥ 100 (M12 connector)

Material specificationsFlammability rating according to UL 94 HB

Seal material TPU

Material housing valve plug TPU

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA 66

Contact material CuSn

Valve plug contact insert material PA 6.6

Contact surface material Sn

Material for screw connection Zinc die-cast, nickel-plated

SignalingStatus display LED (yellow)

Status display present Yes

ConnectorConnection 1

Type Plug straight M12

Number of positions 4

Coding type A

Connection 2

Type Valve connector A (DESINA)

Number of positions 4

Material CuSn (Contact)

Sn (Contact surface)

PA 6.6 (Contact carriers)

TPU (Housing)

Environmental and real-life conditionsAmbient conditions

Degree of protection IP65

IP67

Ambient temperature (operatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-MS/A-1L-Z D SCO 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.