

INDUSTRIAL COMPONENT DATA

SAC- 5,0/0,2-116/2XBI-1L-Z 1458444 PHOENIX CONTACT

Double valve connector cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5,0/0,2-116/2XBI-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5,0/0,2-116/2XBI-1L-Z
Catalog number	1458444
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-69960181A6
Generated	2026-08-05

Product Overview

Double valve connector cable

Double Valve Connector Cable, 4-Pole, Free Cable End, to BI Valve Connectors (11mm), with 1 LED, connected to Z Diode and BI Valve Connectors (11mm), with 1 LED, connected to Z Diode, cable length: 5 m, valve connector distance: 0.2 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

Key Commercial Data

Orderkey 1458444

Packing unit 1 pc

Catalog page Page 249 (C-2-2017)

GTIN 4046356638890

Weight per Piece (excluding packing) 364.100 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 m

Valve connector distance 0.2 m

Central screw valve connector M3 x 29

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

24 V DC

Number of positions 4

Insulation resistance $\geq 100 \text{ M}\Omega$

Status display 1 LED

Protective circuit/component Z diode

Pulse power W_{max} 40 W (at 100 μ s square-wave pulse)

Terminal voltage 70 V (at 2 mA constant current)

Reverse voltage 50 V

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles 50

Torque 0.6 Nm (Valve connector)

Material

Flammability rating according to UL 94 HB

Valve plug contact material CuSn

Valve plug contact surface material Sn

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Sealing material TPU (Seal molded)

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR/PVC, 0.75 mm², black

Cable type (abbreviation) 116

Cable abbreviation LiYY11Y-HF

UL AWM style 20549

Conductor cross section 4x 0.75 mm²

AWG signal line 18

Conductor structure signal line 24x 0.20 mm

Core diameter including insulation 1.7 mm ± 0.05 mm

Wire colors Black 1, black 2, black 3, green/yellow

Overall twist 4 wires, twisted

External she...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5,0/0,2-116/2XBI-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

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.