INDUSTRIAL COMPONENT DATA

SAC- 3,0/0,2-116/2XBI-1L-Z 1458431 PHOENIX CONTACT Double valve connector cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3,0/0,2-116/2XBI-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3,0/0,2-116/2XBI-1L-Z
Catalog number	1458431
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-305ABD3F2A
Generated	2026-11-18

Product Overview

Double valve connector cable
Dual 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: 3 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 1458431
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 249 (C-2-2017)
GTIN 4046356638883
Weight per Piece (excluding packing) 241.660 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 3 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 >= 100 M?
Status display 1 LED
Protective circuit/component Z diode
Pulse power Wmax 40 W (at 100 µs 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3,0/0,2-116/2XBI-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

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