

Double valve connector cable - SAC-10,0/0,1-116/2XA-1L-Z - 1458017

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Double valve connector cable, 4-position, PUR/PVC, black RAL 9005, free cable end, on Valve connector A, with 1 LED, connected with Z diode and Valve connector A, with 1 LED, connected with Z diode, cable length: 10 m, valve connector spacing: 0.1 m

Your advantages

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Robust valve connector with Zener diode as protective circuit
- ✓ Efficient: control valves with two connections via a single connecting cable
- ✓ Convenient: increased machine availability thanks to quick and easy diagnostics

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 638432
GTIN	4046356638432

Technical data

Dimensions

Length of cable	10 m
Valve connector distance	0.1 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

Double valve connector cable - SAC-10,0/0,1-116/2XA-1L-Z - 1458017

Technical data

General

Number of positions	4
Insulation resistance	≥ 100 MΩ
Standards/regulations	Valve connector EN 175301-803
Status display	1 LED
Protective circuit/component	Z diode
Pulse power W_{max}	40 W (at 100 μs square-wave pulse)
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

Standard designation	Valve connector
Standards/regulations	EN 175301-803
Flammability rating according to UL 94	HB

Cable

Cable type	PUR/PVC, 0.75 mm ² , black
Cable type (abbreviation)	116
Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	4x 0.75 mm ²
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 sheath, color	black
External cable diameter D	6.3 mm ±0.2 mm
Smallest bending radius, fixed installation	63 mm
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC

Double valve connector cable - SAC-10,0/0,1-116/2XA-1L-Z - 1458017

Technical data

Cable

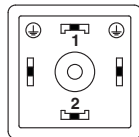
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	26 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	1200 V
Flame resistance	according to DIN VDE 0482
	According to DIN EN 50265-2-1
	in acc. with UL FT-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

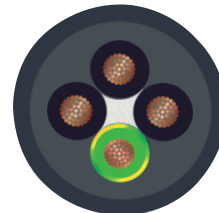
Drawings

Schematic diagram



Valve connector pin assignment, type A

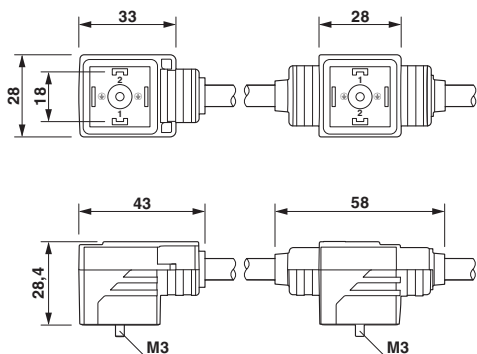
Cable cross section



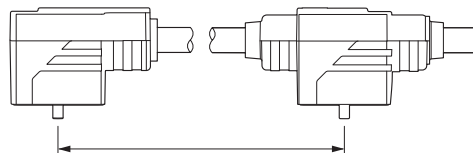
PUR/PVC black [116]

Double valve connector cable - SAC-10,0/0,1-116/2XA-1L-Z - 1458017

Dimensional drawing



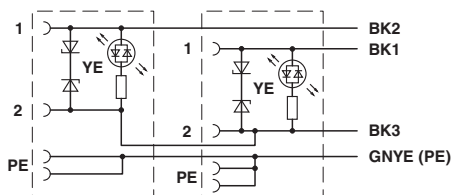
Dimensional drawing



Valve connector spacing

Double valve connector, 2x type A

Circuit diagram



Contact assignment of the double-valve connector

Approvals

Approvals

Approvals

CSA / CSAus / cCSAus

Ex Approvals


Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		24 V	

Double valve connector cable - SAC-10,0/0,1-116/2XA-1L-Z - 1458017

Approvals

Nominal current IN	4 A
--------------------	-----

CSAus		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN	24 V		
Nominal current IN	4 A		

cCSAus	
--------	---

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>