

Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L-Z110V - 1422561

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, free cable end, on Valve connector A, with 1 LED and Valve connector A, with 1 LED, cable length: 5 m, valve connector spacing: 0.2 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
Minimum order quantity	250 pc
GTIN	 4 055626 353906
GTIN	4055626353906

Technical data

Dimensions

Length of cable	5 m
Valve connector distance	0.2 m
Central screw valve connector	M3 x 29

Ambient conditions

Degree of protection	IP65/IP67
----------------------	-----------

General

Rated current at 40°C	4 A
Rated voltage	110 V AC
	110 V DC

Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L-Z110V - 1422561

Technical data

General

Number of positions	4
Insulation resistance	≥ 100 MΩ
Standards/regulations	Valve connector
Status display	1 LED
Protective circuit/component	Suppressor diode
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	50

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
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
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	26 Ω/km (at 20 °C)

Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L-Z110V - 1422561

Technical data

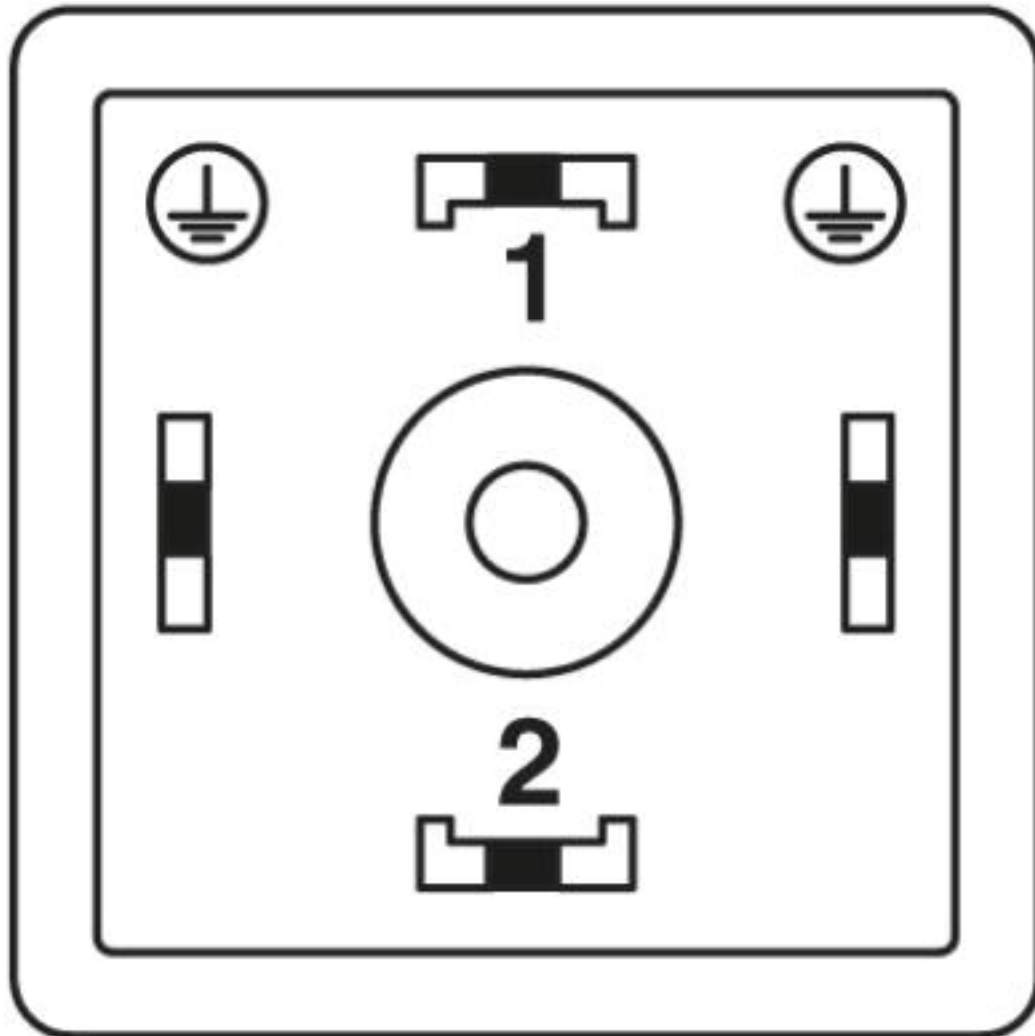
Cable

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)

Drawings

Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L- Z110V - 1422561

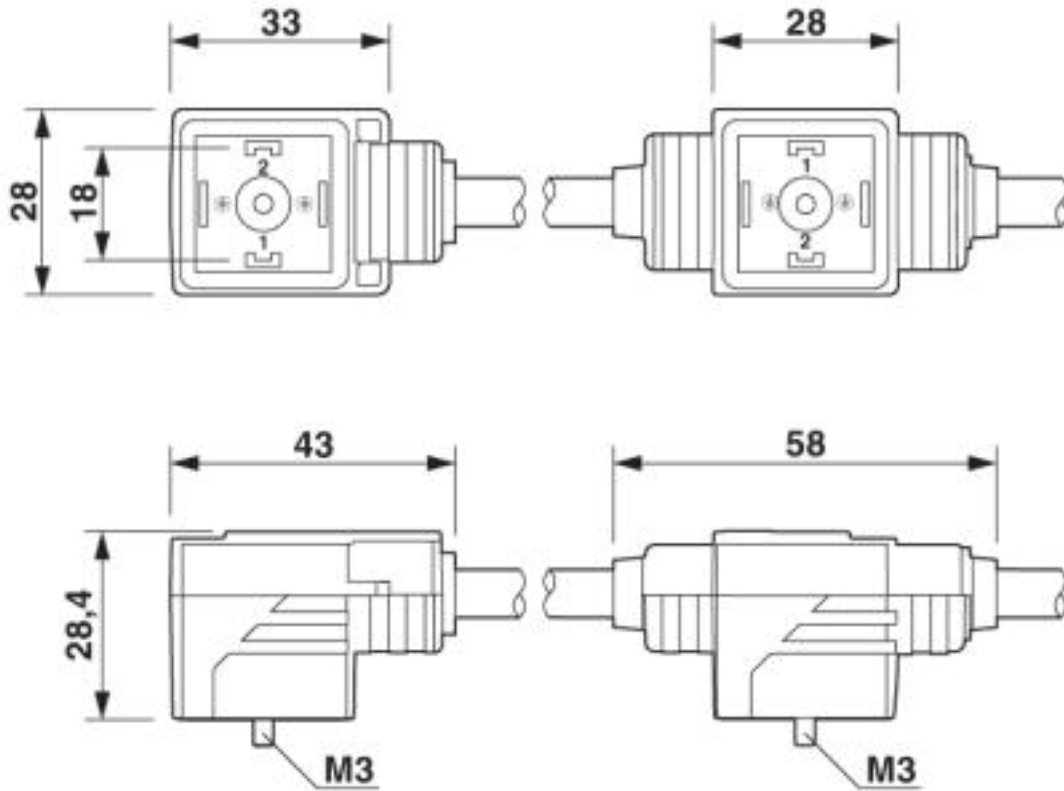
Schematic diagram



Valve connector pin assignment, type A

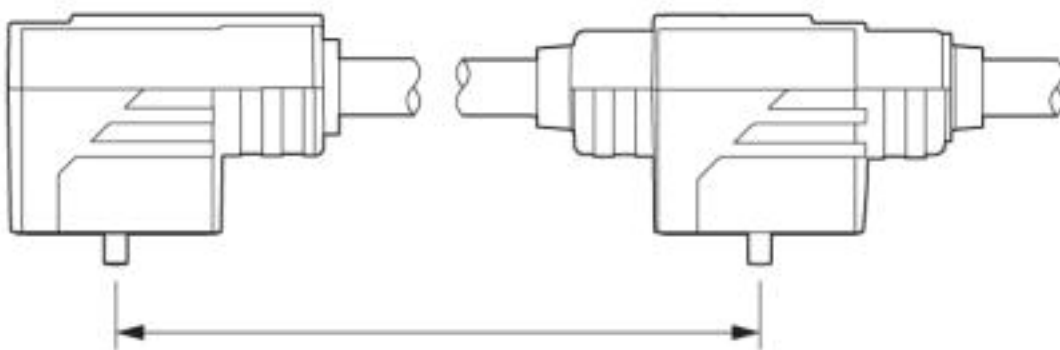
Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L- Z110V - 1422561

Dimensional drawing



Double valve connector, 2x type A

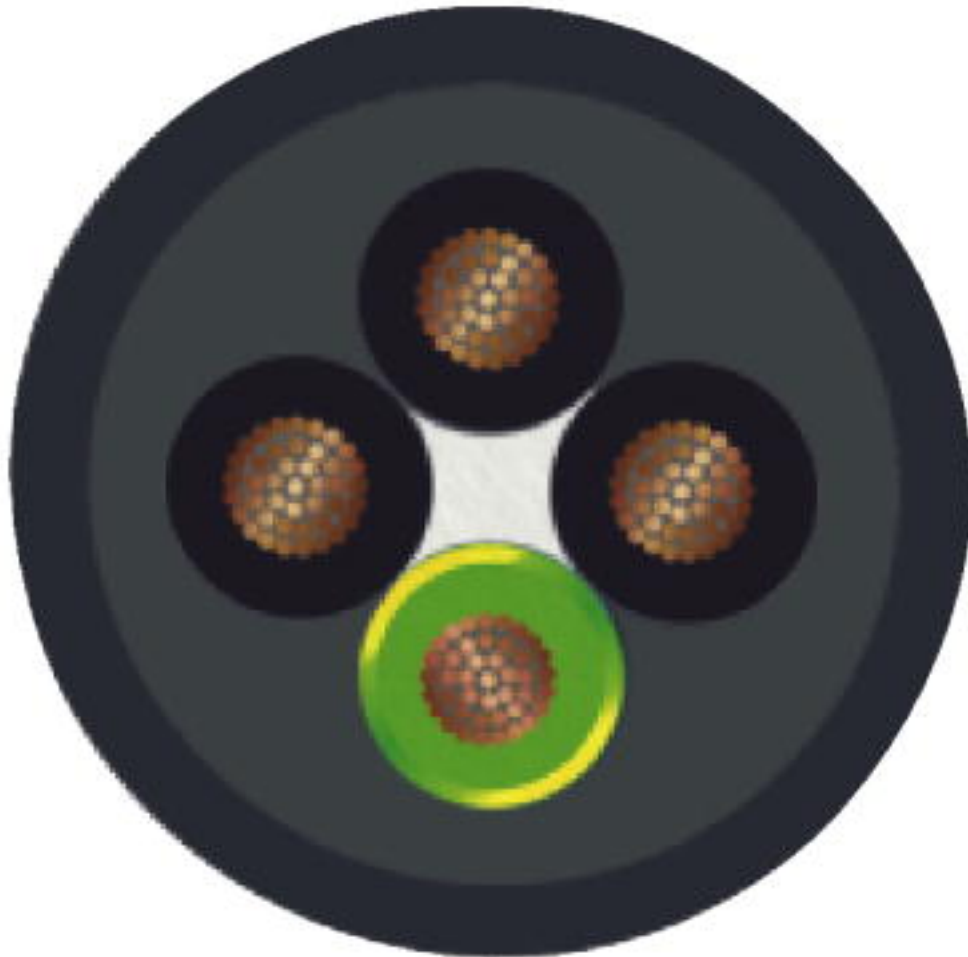
Dimensional drawing



Valve connector spacing

Double valve connector cable - SAC- 5,0/0,2-116/2XA-1L- Z110V - 1422561

Cable cross section



PUR/PVC black [116]

Phoenix Contact 2019 © - 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>