Double valve connector cable - SAC- 3,0/0,2-116/2XB-1L-Z - 1458253

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Double valve connector cable, 4-position, PUR/PVC, Black RAL 9005, free cable end, on Valve connector B (10 mm), with 1 LED, connected with Z diode and Valve connector B (10 mm), with 1 LED, connected with Z diode, Cable length: 3 m, Valve connector distance: 0.2 m

Product Features

- 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
Custom tariff number	85444290
Country of origin	Poland

Technical data

Dimensions

Length of cable	3 m
Valve connector distance	0.2 m

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/DC
Number of positions	4
Contact resistance	≤ 5 mΩ

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Technical data

General

Insulation resistance	≥ 100 MΩ
Standards/regulations	Valve connector EN 175301-803
Status display	1 LED
Protective circuit/component	Z diode
Surge voltage category	II
Pollution degree	3
Insertion/withdrawal cycles	50
Torque	0.6 Nm (Valve connector)

Material

Inflammability class according to UL 94	HB
Valve plug contact material	CuSn
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 66
Material housing valve plug	TPU
Sealing material	TPU (Seal molded)

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 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)
Nominal voltage, cable	300 V

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Technical data

Cable

Test voltage, cable	1200 V
Flame resistance	According to DIN VDE 0482
	According to DIN EN 50265-2-1
	In accordance with UL FT-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001855

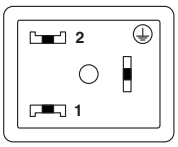
UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Drawings

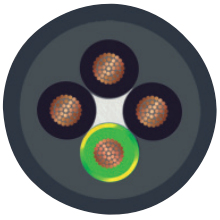
Double valve connector cable - SAC- 3,0/0,2-116/2XB-1L-Z - 1458253

Schematic diagram



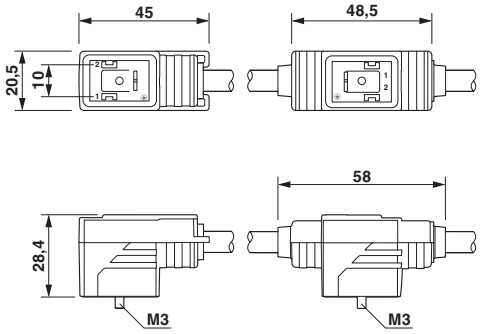
Valve connector pin assignment, type B

Cable cross section



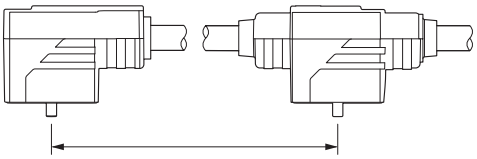
PUR/PVC black [116]

Dimensioned drawing



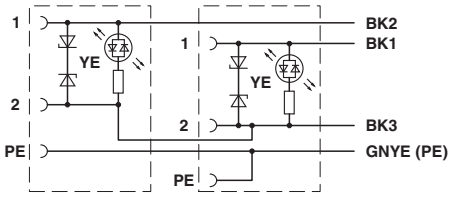
Double valve plug, 2 x type B

Dimensioned drawing



Valve connector spacing

Circuit diagram



Contact assignment of the double-valve connector

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