

Technical data sheet

Suppression Technology · Valve suppressors

Design A (18 mm), 2-pin without PE

Protection device suppressor diode + LED, with stainless steel screw

Moulded PUR connecting cable 2 × 0.75 mm², 0°/180° mounting possible



Identification

Type	LS-A-9459 2,5mPUR AC/DC 24V
Part No.	709459

Product version

Datasheet version	01
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Technical data

Type of function	Valve suppressor
Protection device	Suppressor diode + LED
Rated voltage U _N	AC/DC 12–24 V
Current Consumption	4 mA
Cut-off peak	≤52 V
Rated frequency f _N	50 Hz / 60 Hz
Holding Capacity	100 VA
Type of connecting lead	2×0.75 mm ² PUR
Cable length	2.5 m
Connecting lead Ø	4,8 mm

General

Design	A (18 mm)
Status indication	LED yellow
Ampacity	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2

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Conductor color	black, blue
Jacket color	black
Minimum bending radius moving	10×D
Minimum bending radius fixed	5×D
Housing material	TPU
Color of the housing	Black translucent
Contact material	CuSn silver-plated
Degree of pollution	3
Mechanical service life	>100 insertion cycles
Degree of protection	IP65/67
Mounting	Breakaway torque 0.6 Nm
Fixing	Fixing screw stainless steel V4A
Temperature range connector	-20 °C ... +85 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Operation temperature range	-20 °C ... +80 °C
Storage temperature range	-30 °C ... +85 °C
Dimensions (w × h × d)	28.0 mm × 28.2 mm × 43.0 mm
Weight/unit	0.14 kg
PU (units)	1

Certifications/Standards

Standards	EN 175301-803
Burning behavior according to	DIN VDE 0482
Oil resistant according to	DIN EN 60811-2-1 (largely oil resistant)
UV-resistant according to	DIN EN ISO 4892-2-A (limited UV resistant)

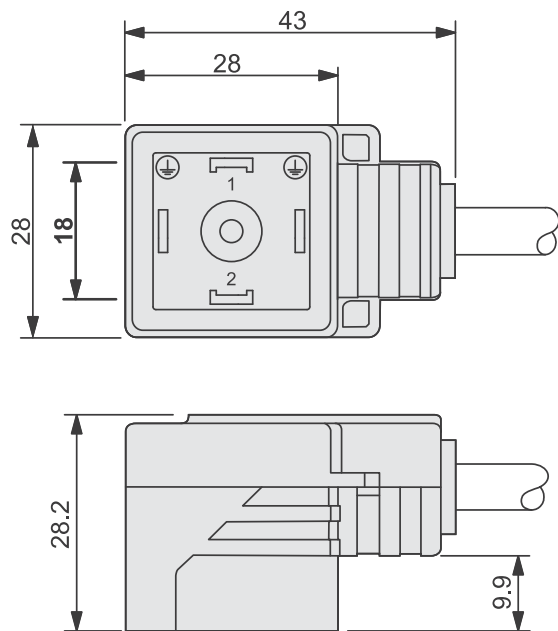
Equipment/Spare parts

Accessories	Tag holder 9×20 mm, white: Part-No. 681315 BZT-0920 PU: 100 units
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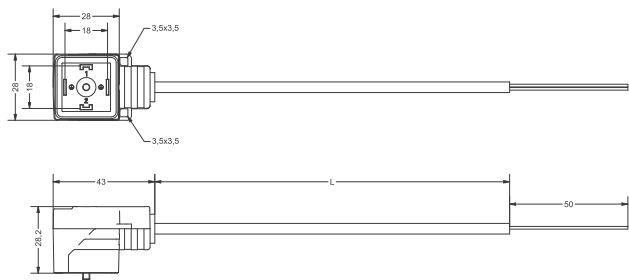
Notes and Comments

Comments	Very good chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!
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Dimensions

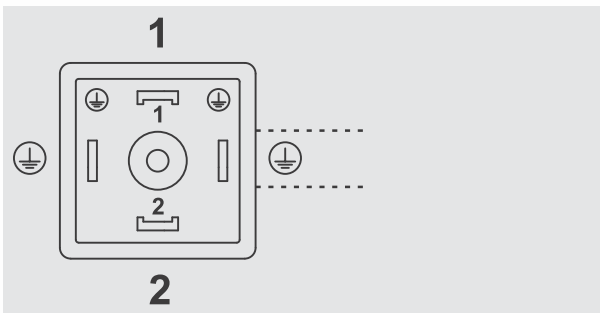


Use



Pin layout

Valve connector
type A



Circuit diagram

