Technical data sheet

Suppression Technology · Valve suppressors · C-track compatible

Design A (18mm), 2-pin + 2×PE
PUR connecting lead 3×0,5mm², protection device, LED status display
With bridged ground conductor (PE), 0°/180° mounting possible

Identification

Type	LV-A-9774 5m PUR 230V
Part No.	709774

Product version

Datasheet version	01

Technical data

Type of function	Valve suppressor
Protection device	Varistor + LED
Rated voltage U_N	AC/DC 230 V
Current Consumption	3 mA
Cut-off peak	≤475 V
Rated frequency f_N	50 Hz / 60 Hz
Holding Capacity	100 VA
Type of connecting lead	3×0.5 mm² PUR
Cable length	5 m

General

Design	A (18 mm)
Status indication	LED yellow
Ampacity	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	3
Conductor construction	28×0.15

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Conductor	CU-wire bare
Conductor category	IEC 60228, Class 6
Conductor color	brown, blue, yellow-green
Conductor insulation	PP
Jacket material	PUR
Jacket color	black
Bending cycles	max. 15 Mio
Connecting lead Ø	4.5 ± 0.20 mm
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
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 … +85 °C
Storage temperature range	-30 °C … +85 °C
Dimensions (w × h × d)	28.0 mm × 28.2 mm × 43.0 mm
Weight/unit	0.208 kg
PU (units)	1

Certifications/Standards

Standards	EN 175301-803
Halogen free according to	DIN VDE 0472 Part 815
Burning behavior according to	DIN VDE 0482 DIN EN 50265-2-1
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)

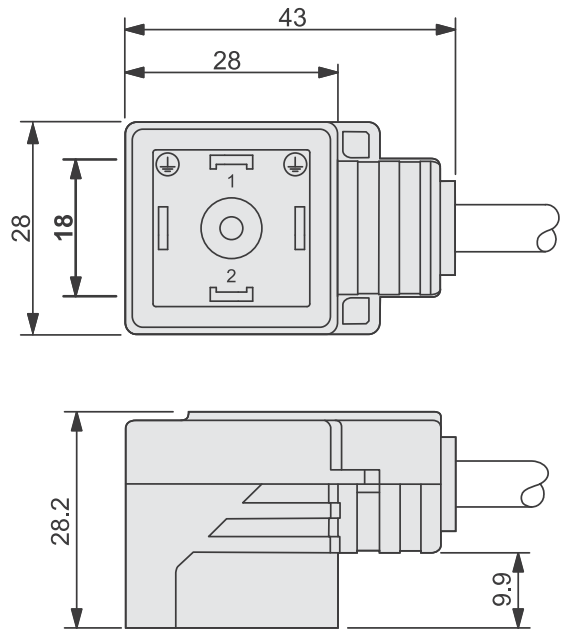
Equipment/Spare parts

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

Notes and Comments

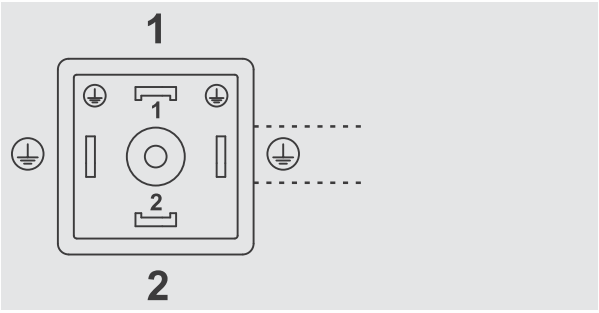
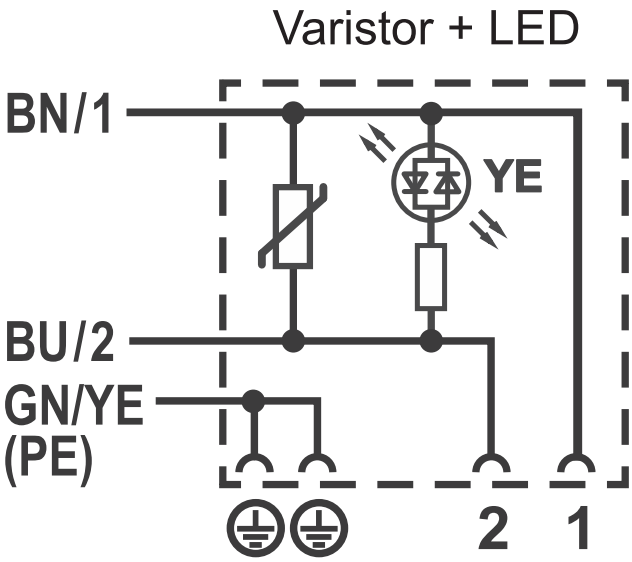
Comments	Very good chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



Pin layout

Valve connector
type A



Circuit diagram