

Technical data sheet

Suppression Technology · Valve Suppressors - special function · C-track compatible

Energy reducer, construction A (18 mm), PUR cable 3×0,5mm²

Energy reduction approx. 50 %, protection device, LED status indication

Open cable end, 0°/180° mounting possible



Identification

Type	LER-A-9719 2,5m PUR DC 24V
Part No.	709719.0250

Product version

Datasheet version	00
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Technical data

Type of function	Energy reducer
Protection device	Free-wheeling diode
Rated voltage U_N	DC 24 V
Current Consumption	24 mA
Cut-off peak	≤1 V
Switching frequency	Max. 2 Hz
Holding Capacity	50 VA
Energy reduction	Reduction factor approx. 50 %
Type of connecting lead	3×0.5 mm ² PUR
Cable length	2.5 m

General

Design	A (18 mm)
Status indication	LED yellow
Ampacity	≤1.5 A
Pole number	3
Conductor construction	28×0.15
Conductor	CU-wire bare

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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 ... +70 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Operation temperature range	-25 °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	0.169 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
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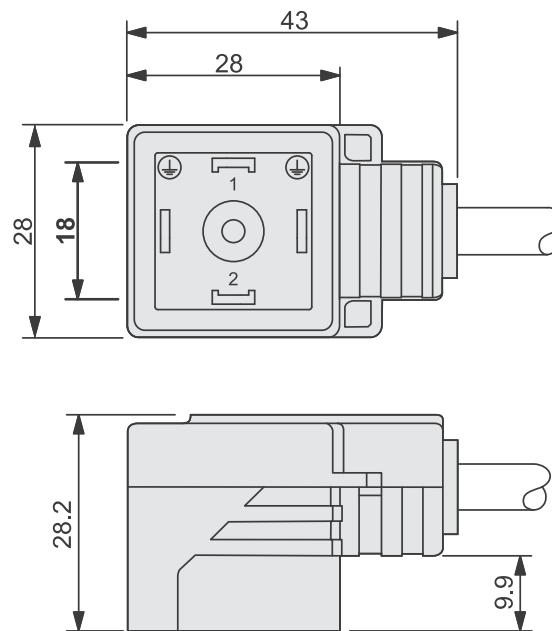
Notes and Comments

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



Circuit diagram

