

Technical data sheet

Suppression Technology · Valve Suppressors - special function

Design A (18mm), 3-pin + 1×PE
PUR connecting lead 5×0,5mm²
Pressure switch / fill level monitor



Identification

Type LDS-A-9789 10m PUR 180° DC 24V
Part No. [709789](#)

Product version

Datasheet version 02

Technical data

Type of function	Pressure switch
Rated voltage U_N	DC 24 V
Current Consumption	4 mA
Type of connecting lead	5×0.5 mm ² PUR
Cable length	10 m
Connecting lead Ø	6.0 ± 0,20 mm

General

Design	A (18 mm)
Status indication	LED yellow + LED green
Ampacity	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	4
Conductor color	black, blue, brown, white
Jacket color	black
Minimum bending radius moving	10×D
Minimum bending radius fixed	5×D

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11.07.2024 • Subject to technical modification

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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
Connection type	180°, PE across from the cable entry point
Temperature range connector	-20 °C ... +85 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-20 °C ... +80 °C
Operation temperature range	-30 °C ... +85 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions (w × h × d)	28.0 mm × 28.2 mm × 43.0 mm
Weight/unit	0.41 kg
PU (units)	1

Certifications/Standards

Standards	EN 175301-803
Burning behavior according to	EN 60332-1-2
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)

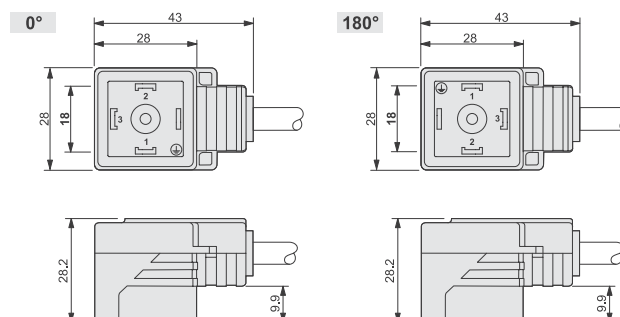
Equipment/Spare parts

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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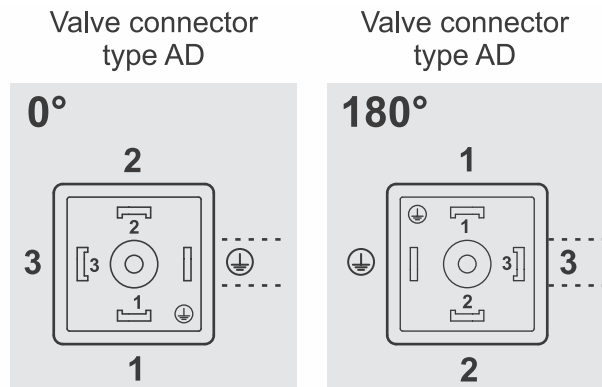
Dimensions



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Pin layout



Circuit diagram

