

The 282 Series is an 8mm isolation valve utilizing a diaphragm to separate the media from the solenoid. They are characterized by their compact size, long service life, and low dead volume. The 282 Series offers the following benefits:

- Ideal to control the flow of acids, bases, and analytical reagents
- Create separation between the solenoid and fluid
- Easy-to-flush internal cavity and good self-draining capability
- Low dead volume
- Low power consumption
- Easy installation

Construction

Valve Wetted Parts	
Body	PEEK
Diaphragm	FFKM

Electrical

Standard Voltages	12 VDC, 24 VDC
Power Consumption	1.0 Watt
Coil Insulation	311°F (155°C)
Electrical Connection	Solder ends
Duty Cycle Rating	Continuous

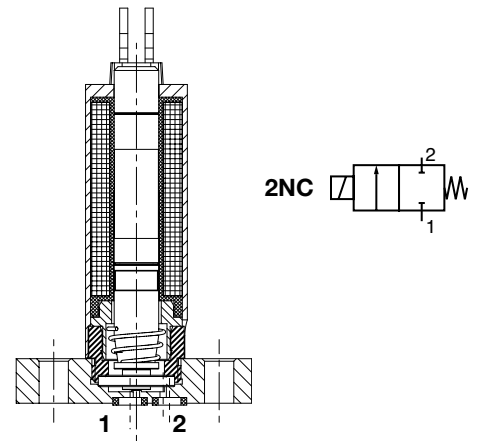
Valve

Response Time	~ 20 ms
Internal Volume	< 10µl
Maximum Viscosity of Fluid	20 cSt (mm ² /s)

Alternate Construction/Options

Additional construction and options are available including alternate elastomers and mounting options. Minimum quantities apply.

CE



Temperature Range:

Ambient & Media:
50°F to 104°F (10°C to 40°C)

Approvals:

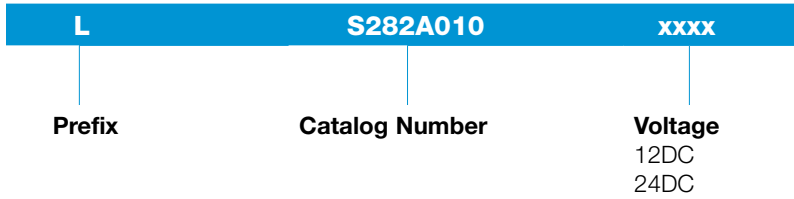
Meets Applicable CE directives



Specifications

Port Type	Orifice Size (in)	Cv Flow Factor	Operating Pressure (psi)		Power (Watts)	Prefix	Catalog Number	Weight (oz)
			Min.	Max.				
2/2 NC - Normally Closed								
Pad Mount	0.020	0.008	0	7	1.0	L	S282A010xxxx	0.22

Catalog Number Description and Options



Examples

LS282A01012DC = 2-Way normally closed, .020" orifice, FFKM seals, 12 VDC

Dimensions: Inches (mm)

