

## DIAPHRAGM ISOLATION SOLENOID VALVES

2/2-way NC, 2/2-way NO, 3/2-way  
Orifice diameter 1.6 mm (DN) | optional 0.8 mm (DN)  
Rocker valve

### RVA / RVB Series



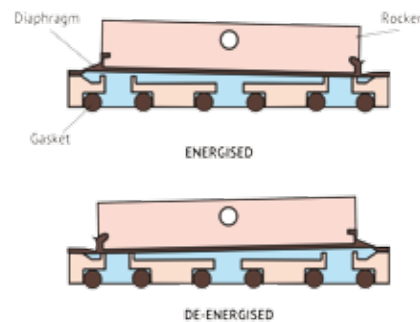
2/2-way and 3/2-way rocker diaphragm isolation solenoid valves.

With an orifice diameter of 1.6 mm as standard, pressures up to 2 bar and a vacuum down to -950 mbar are possible at all connections. With 0.8 mm orifice diameter up to 6 bar can be achieved - which makes its use in bidirectional fluidic systems at high pressure or vacuum possible.

Special designs with an optimised pumping volume enable the use in demanding analysis applications.

Optionally, electronics can be integrated in the valve housing in order to reduce the operating voltage.

The flange connections of this valve series are available in different dimensions.



### SPECIFICATIONS

RVA / RVB Series	
Type	2/2-way NC   2/2-way NO   3/2-way
Orifice diameter	1.6 mm (DN)   optional 0.8 mm (DN)
Port connection	Flange
Rated voltage	12 VDC   24 VDC
Operating pressure range	Inlet and Outlet (NC   NO): -950 - 2000 mbar optional for 0.8 mm (DN): up to 6000 mbar
Diaphragm material	Perfluoroelastomer (FFKM)   EPDM   FPM
Body material	PEEK   PPS
Seal material	Perfluoroelastomer (FFKM)   EPDM   FPM
Fluid temperature range	0 - 60°C (with membrane: EPDM   FPM) 5 - 60°C (with membrane: Perfluoroelastomer FFKM)
Ambient temperature range	0 - 55°C (with membrane: EPDM   FPM) 5 - 55°C (with membrane: Perfluoroelastomer FFKM)
Power consumption	3.4 W 0.85 W (using for holding voltage electronic)
Operating duration	100% ED
Outer dimensions	16.0 x 27.0 x 46.0 mm

Customisable to specific requirements (e.g. higher pressure range, different operating mode, higher temperature range, different operating voltage, different port connections,...)