

## DIAPHRAGM ISOLATION SOLENOID VALVES

2/2-way NC, 2/2-way NO, 3/2-way, 2/2-way latching, 3/2-way latching  
Orifice diameter 1.2 - 2.0 mm (DN)

### WTB Series



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

With a large pressure range and a variety of connection options this valve series cover a wide range of applications. Highly inert designs with wetted materials such as PTFE, PEEK and FFKM offer high chemical resistance.

### WLB Series



2/2-way and 3/2-way diaphragm isolation solenoid valves in a latching version.

A low power consumption and heat generation is achieved due to the latching design - optimal for battery operated applications and liquids that react sensitively to heat transfer.

### SPECIFICATIONS

	WTB Series	WLB Series
Type	2/2-way NC   2/2-way NO   3/2-way	2/2-way latching   3/2-way latching
Orifice diameter	1.2 - 2.0 mm (DN)	
Port connection	M6   1/4-28UNF   Hose Barbs   Flange	
Rated voltage	12 VDC   24 VDC	
Operating pressure range	Inlet: -900 - 2000 mbar (Customised models up to 6000 mbar) Outlet (NC   NO): 0 - 1000 mbar (Customised models up to 3000 mbar)	Inlet: -900 - 2000 mbar Outlet (NC): 0 - 1000 mbar Outlet (NC   NO): 0 - 500 mbar (for 3/2-way)
Diaphragm material	PTFE	
Body material	PEEK   PPS   PTFE	
Seal material   Soft-Seal	PTFE   Perfluoroelastomer (FFKM)   FPM   EPDM	
Other wetted materials	PTFE	
Fluid temperature range	5 - 50°C	5 - 50°C
Ambient temperature range	5 - 50°C	5 - 50°C
Power consumption	2.8 - 3.4 W (depending on the model)	8 W (when switching)
Operating duration	100% ED	10% ED
Outer dimensions (depending on the model)	24.0 x 20.6 x 55.9 mm	

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