

## AIR OPERATED VALVES WITH DIAPHRAGM ISOLATION

2/2-way NC, 3/2-way  
Orifice diameter 1.8 - 5.0 mm (DN)

### PMDP Series



### PDT Series



In comparison to solenoid valves, a heating of the actuation is not transferred to the fluid, due to the pneumatic operation. A high working pressure range for all connections and media temperatures of up to 80°C allow for use in many applications which use compressed air for control.

### SPECIFICATIONS

	PMDP Series	PDT Series
Type	2/2-way NC   3/2-way	
Orifice diameter	1.8 - 2.0 mm (DN)	4.0 - 5.0 mm (DN)
Port connection	M6   1/4-28UNF	Rc1/8   Rc1/4
Control pressure range	3000 - 6000 mbar	
Operating pressure range	Inlet: -1000 - 5000 mbar Outlet (NC   NO): 0 - 3000 mbar	Inlet: 0 - 3000 mbar Outlet (NC   NO): 0 - 1500 mbar
Diaphragm material	PTFE	PCTFE (for 3/2-way)
Body material	PEEK   PPS	PTFE   PCTFE
Seal material   Soft-Seal	Perfluoroelastomer (FFKM)   FPM	PTFE
Other wetted materials	PTFE	PCTFE
Fluid temperature range	5 - 60°C	0 - 80°C
Ambient temperature range	5 - 60°C	0 - 60°C
Outer dimensions	Ø25.0 x 41.9 - 47.7 mm	Ø44.5 x 52.0 - 67.0 mm

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