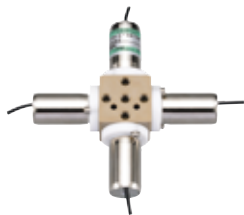


LOW PRESSURE GRADIENT MIXING VALVE VALVES FOR HIGH-TEMPERATURE SULPHURIC ACID

4x 2/2-way NC, 2/2-way NC
Orifice diameter 1.2 mm (DN) | 1.8 mm (DN)

Low pressure gradient mixing valve



This 4-way manifold valve, which was specially developed for low-pressure gradient mixers, guides all four inlets to the same outlet. These four inlets can be controlled via individual solenoid valves to generate the required mixing ratios. Because the length of the individual channels to the joint outlet is the same, very high accuracy of the mixing ratio is achieved.

Valve for high-temperature sulphuric acid



2/2-way diaphragm isolation solenoid valve for high-temperature sulphuric acid (up to 180°C).

Because of its unique construction, changes in the plastic body due to the high temperatures are absorbed. Consequently, this valve does not lose its tightness with high-temperature liquids.

SPECIFICATIONS

	Low pressure gradient mixing valve	Valve for high-temperature sulphuric acid
Type	4x 2/2-way NC	2/2-way NC
Orifice diameter	1.2 mm (DN)	1.8 mm (DN)
Port connection	M6 1/4-28UNF	
Rated voltage	12 VDC 24 VDC	
Operating pressure range	Inlet: 0 - 500 mbar Outlet: -650 - 1500 mbar	Inlet: 0 - 8000 mbar Outlet: 0 - 1000 mbar
Diaphragm material	PTFE	PFA
Seal material	(Perfluoroelastomer (FFKM) as sealing material between valves and manifold, not in direct contact with the fluid)	Perfluoroelastomer (FFKM)
Body material	PEEK	PFA
Fluid temperature range	5 - 40°C	5 - 180°C
Ambient temperature range	5 - 40°C	5 - 40°C
Power consumption	4 x 3.5 W	7.6 W
Operating duration	100% ED	20% ED
Outer dimensions	117.0 x 117.0 x 31.0 mm	Ø25.0 x 47.5 mm