

DIAPHRAGM ISOLATION PROPORTIONAL SOLENOID VALVES MANIFOLD XTA-SERIES – UP TO 12 STATIONS

Orifice diameter 4.0 mm (DN) | 1.6 mm (DN)

NPV-Series



2/2-way diaphragm isolation proportional solenoid valves.

With these valves the flow rate can be controlled via the operating voltage.

Wetted materials exclusively made of PTFE enable use in applications that require a high chemical resistance.

The adjustable flow rates are:

- 0 - 30 l/min ($\Delta P = 100$ mbar, air)
- 0 - 4 l/min ($\Delta P = 1000$ mbar, water)

Manifold XTA-Series – up to 12 stations



This manifold consists of individual base blocks each with two 2/2-way valves of the XTA / WTA series. Up to 6 blocks can be connected, which creates manifold solutions with up to 12 stations.

The injection moulded blocks made of ETFE (fluorocarbon polymer) result in high chemical resistance and an economically optimised production method.

The standard orifice diameter is 1.6 mm with standard connections in M6, 1/4-28UNF or Push-In fittings.

SPECIFICATIONS

	NPV Series	XTA Manifold Series
Type	2/2-way NC - proportional	2/2-way NC
Orifice diameter	4.0 mm (DN)	1.6 mm (DN)
Port connection	Rc1/8 Rc1/4	M6 1/4-28UNF Push-in fittings (optional)
Rated voltage	24 VDC	12 VDC 24 VDC
Operating pressure range	Inlet: 0 - 1000 mbar Outlet: 0 - 500 mbar	Inlet: -900 - 2000 mbar Outlet: 0 - 500 mbar
Diaphragm material	PTFE	PTFE
Seal material	-	FFKM FPM EPDM (optional)
Body material	PTFE	ETFE
Fluid temperature range	10 - 60°C	5 - 50°C
Ambient temperature range	10 - 60°C	5 - 50°C
Power consumption	7.0 W	2.8 W x Number of valves
Operating duration	100% ED	100% ED
Outer dimensions	Ø40.0 x 95.0 mm	55.7 x 63.7 x 76.4 mm - 197.2 mm (depending on the number of valves)