

MX Series II™

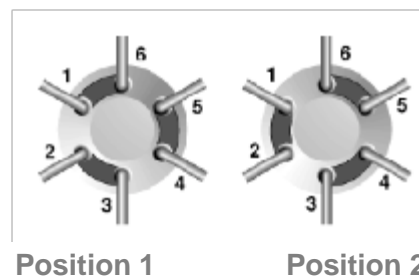
MXP9900-000 2-Position, 6-port

Description

The MXP9900-000 is a PEEK 2-position, 6-port motorized valve. The small compact stand-alone unit is typically used as a switching and/or injection valve.

Flow Diagram

The flow switching pattern of the valve is shown to the right. The numbered circles represent the ports in the valve stator and stator face assembly. The dark grooves represent the connecting passages in the rotor seal.



Specifications

- › **Liquid Contacts:** PEEK stator and PEEK-based rotor seal
- › **Port Size:** Accepts 10-32 male threaded fittings
- › **Flow Passage Diameters:** *Stator-* 0.3 mm (0.012"), *Stator Face Seal-* 0.23 mm (0.009"), *Rotor Seal-* 0.25 mm (0.010")
- › **Port to Port Volume:** 660 nL
- › **Maximum Pressure:** 35 MPa (345 bar, 5000 psi)
- › **Communication:** 1-line level logic, USB, or I²C (default) or RS-232 (factory set)
- › **Electrical Requirements:** 24 VDC, 1.88 A
- › **Cabling:** Connected cables should not exceed 3 meters in length
- › **RoHS Compliant:** Yes

Supplied With

- › RheFlex® One-Piece PEEK fitting sets with colored ChromTRAC™ knobs (6)
- › Adhesive feet (4)
- › Universal power supply
- › Power cord (multi-national cords available)
- › Interface cable
- › USB cable

NOTE: Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.

MXP9900-000 Dimensional Drawing

Dimensions are in inches [millimeters]

