

# MX Series II™

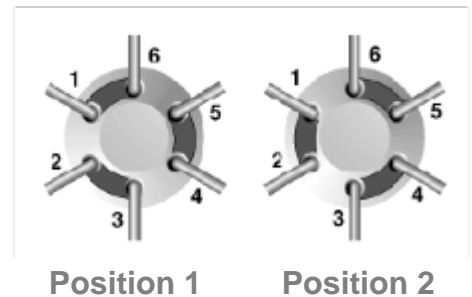
MXP7900-000 2-Position, 6-port

## Description

The MXP7900-000 is a DuraLife® 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:** DuraLife: coated stainless steel stator and polyimide-based rotor seal
- › **Port Size:** Accepts 10-32 male threaded fittings
- › **Flow Passage Diameters:** *Stator-* 0.3 mm (0.012"), *Rotor Seal-* 0.25 mm (0.010").
- › **Port to Port Volume:** 450 nL
- › **Maximum Pressure:** 41 MPa (414 bar, 6000 psi).
- › **Communication:** 1-line level logic (default), BCD, USB, or I<sup>2</sup>C (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.

**MXP7900-000 Dimensional Drawing**  
 Dimensions are in inches [millimeters]

