



# MX Series II™

## MXP9900-000

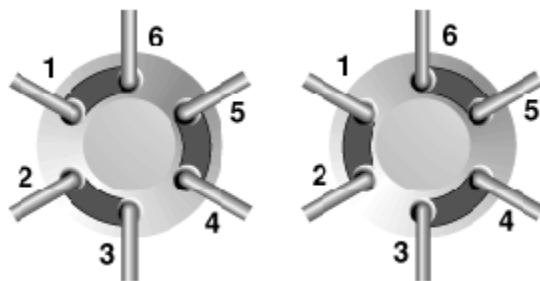
### 2-Position, 6-port

#### **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 below. 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.



**Position 1**

**Position 2**

#### **Specifications**

**Liquid Contacts:** PEEK

**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:** 660nL

**Maximum Pressure:** 35 MPa (345 bar, 5000 psi).

**Communication:** 1-line level logic, USB, or I<sup>2</sup>C

**Electrical Requirements:** 24VDC, 1.88A

**Cabling:** Connected cables should not exceed 3 meters in length

**RoHS Compliant:** Yes

#### **Supplied With**

(6) RheFlex® One-Piece PEEK fitting sets with (6) colored ChromTRAC™ knobs, (4) Adhesive Feet, Universal Power Supply, Power Cord (multi-national cords available), Interface Cable, and USB cable.

**NOTE:** Under normal operating conditions, this valve will stop actuating when the seals need to be replaced. Rebuilding the liquid-end with the proper RheBuild® Kit will return the valve to its functional state.

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

#### **Dimensional Drawings on page 2**

## ***MXP9900-000***

Dimensions are in inches/millimeters

