



MX Series II™

MXP7980-000

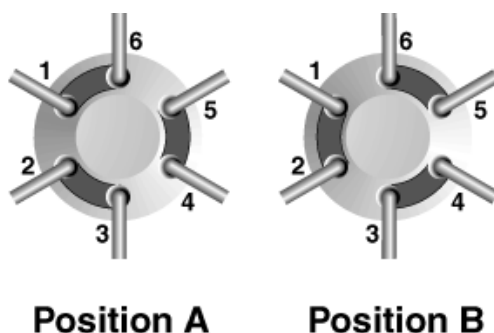
2-Position, 6-port

Description

The MXP7980-000 is a 2-position, 6-port nano-scale switching 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.



Specifications

Liquid Contacts: DuraLife® II

Port Size: Accepts M4 male threaded fittings

Port-to-Port Volume: 28 nL

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

Communication: 1-line level logic, USB, or I²C

Electrical Requirements: 24VDC, 1.88A

Cabling: Connected cables should not exceed 3 meters in length

RoHS Compliant: Yes

Supplied With

(6) M4 fittings, (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 RheoBuild® 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

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Dimensions are in inches/millimeters

