



MX Series II™

MXP7986-000

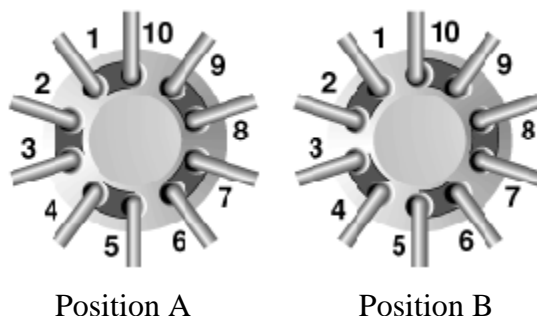
2-Position, 10-Port

Description

The MXP7986-000 is a 2-position, 10-port motorized nano-scale switching valve.

Flow Diagram

A schematic of the valve flow-switching pattern is shown below. The numbered circles represent the ports in the valve stator. The grooves represent the connecting passages in the rotor seal. Please note that this is a representation of the flow path and may not show the true position of the ports and grooves.



Specifications

Liquid Contacts: DuraLife® II

Port Size: Accepts M4 x .7 male threaded fittings

Port to Port Volume: 24nL

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

(10) RheFlex® One-Piece PEEK fitting sets with (10) 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

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Dimensions are in inches [millimeters]

