



MX Series II™

MXP7960-000

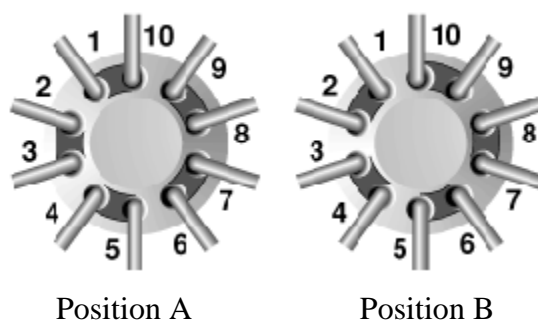
2-Position, 10-Port

Description

The MXP7960-000 is a DuraLife® processed stainless steel 2-position, 10-port motorized valve. The small compact stand-alone unit is typically used as a switching and/or injection valve.

Flow Diagram

A schematic of the valve flow-switching pattern is shown below. The numbered circles represent the ports in the valve stator and stator face assembly. 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

Port Size: Accepts 10-32 threaded fittings

Flow Passage Diameters: 0.25-mm (0.010")

Port to Port Volume: 500nL

Maximum Pressure: 41 MPa (414 bar, 6000 psi)

Communication: 1-line level logic, USB, 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), an Interface Cable, and a 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

