



MX Series II™

MXP7970-000

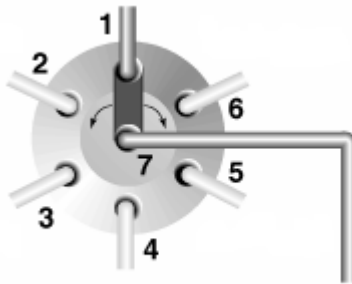
6-Position, 7-Port

Description

The MXP7970-000 is a DuraLife®II 6-position, 7-port selector 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 groove represents the connecting passage in the rotor seal.



Specifications

Liquid Contacts: DuraLife II

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: 415nL

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

Communication: 4-line BCD, USB, or I²C

Electrical Requirements: 24VDC, 1.88A

Cabling: Connected cables should not exceed 3 meters in length

RoHS Compliant: Yes

Supplied With

(6) 10-32 fittings, (4) Adhesive Feet, Universal Power Supply, Power Cord (multi-national cords available), Interface Cable, (3) jumper wires, 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]

