



MX Series II™

MXP7920-000

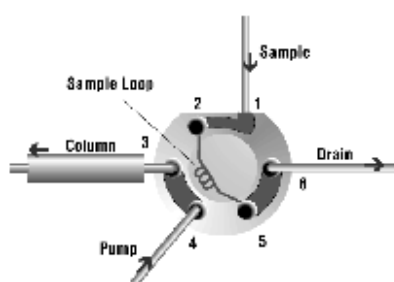
2-Position, 6-port

Description

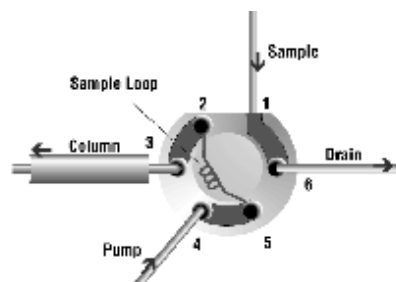
The MXP7920-000 is a DuraLife® 2-position, 6-port motorized valve. The small compact stand-alone unit is typically used as a switching and/or injection valve.

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 6 (Load)



Position 1 (Inject)

Specifications

Liquid Contacts: MXP7920-000- DuraLife

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: *Stator*- 0.3-mm (0.012") and 0.25-mm (0.010") for vertical port, *Rotor Seal*- 0.25-mm (0.010").

Port to Port Volume: 445nL and 586nL with vertical port

Maximum Pressure: 41 MPa (413 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

(1) needle port, (5) RheFlex® One-Piece PEEK fitting sets with (5) 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

MXP7920-000

Dimensions are in inches [millimeters]

