



TitanHP™

MHP7960-000

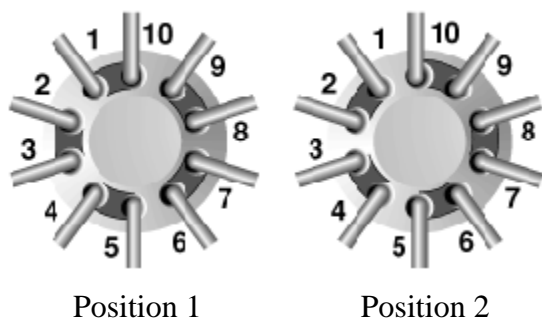
2-Position, 10-Port

Description

The MHP7960-000 is a DuraLife® processed stainless steel 2-position, 10-port motorized valve. The design of this valve provides a small footprint.

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 male threaded fittings

Flow Passage Diameters: 0.25-mm (0.010")

Port to Port Volume: 500nL

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

Motor: 5 ohm, spark-free, 7.5 degree stepper motor

Motor Power Requirements: 24 VDC \pm 5% at 1 Amp max

Motor Position Sensors: Optoelectric position sensors with encoder wheels

RoHS Compliant: Yes

NOTE: Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.

NOTE: DuraLife is not recommended for use with solutions containing formic acid.

Dimensional Drawings on page 2

MHP7960-000

Dimensions are in inches/millimeters

