



MX Series II™

MXT715-102

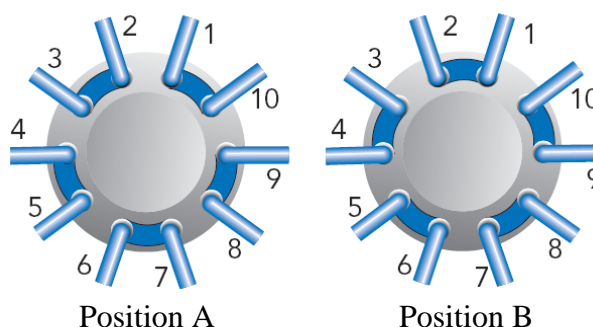
2-Position, 10-port

Description

The MXT715-102 is an UltraLife™ 2-position, 10-port motorized valve in a small compact stand-alone unit.

Flow Diagram

The flow switching pattern of the valve is shown below. The numbered circles represent the ports in the valve stator. The dark grooves represent the connecting passages in the rotor seal.



Specifications

Liquid Contacts: UltraLife: coated stainless steel stator and an advanced PEEK based rotor seal (RPC-10)

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: *Stator:* 0.15-mm (0.006"), *Rotor Seal:* 0.20 mm (0.008")

Volume in Flow Passages: *Stator:* 0.04 µL/hole, *Rotor Seal:* 0.04 µL/groove

Port to Port Volume: 0.14 µL

Maximum Pressure: 15,000 psi (103 MPa, 1034 bar)

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

(10) high pressure Stainless steel fittings sets, (4) Adhesive Feet, Universal Power Supply, Power Cord (multi-national cords available), Interface Cable, (3) jumper wires, and a USB cable

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

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Dimensions are in inches [millimeters]

