



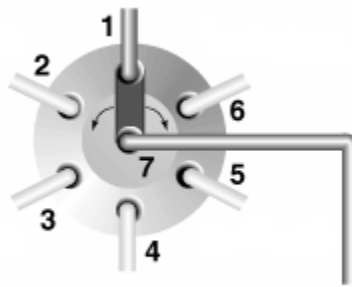
MX Series II™ MXT715-105 6-Position, 7-Port

Description

The MXT715-105 is an Ultralife™ 6-position, 7-port motorized valve. The small compact stand-alone unit is typically used as a selection valve.

Flow Diagram

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



Specifications

Liquid Contacts: Ultralife

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: *Stator:* 0.28-mm (0.011"), *Rotor Seal:* 0.3 mm (0.012")

Volume in Flow Passages: *Stator:* 0.1 µL/hole, *Rotor Seal:* 0.1 uL/groove

Maximum Pressure: 15,000 psi (103 MPa, 1,034 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

(7) 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.

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.

Dimensional Drawings on page 2

MXT715-105

Dimensions are in inches [millimeters]

