

MX Series II™

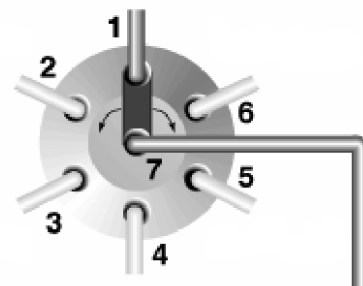
MXT715-105 6-Position, 7-Port

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 to the right. The numbered circles represent the ports in the valve stator. The dark groove represents the connecting passage in the rotor seal.



Specifications

- › **Liquid Contacts:** Ultralife: coated stainless steel stator and advanced PEEK-based rotor seal (RPC-10)
- › **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 µL/groove
- › **Maximum Pressure:** 15,000 psi (103 MPa, 1,034 bar)
- › **Communication:** 4-line BCD, USB, or I²C (default) or RS-232 (factory set)
- › **Electrical Requirements:** 24 VDC, 1.88 A
- › **Cabling:** Connected cables should not exceed 3 meters in length
- › **RoHS Compliant:** Yes

Supplied With

- › High pressure stainless steel fittings sets (7)
- › Adhesive feet (4)
- › Universal power supply
- › Power cord (multi-national cords available)
- › Interface cable
- › Jumper wires (3)
- › 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.

MXT715-105 Dimensional Drawing

Dimensions are in inches [millimeters]

