TitanHP™

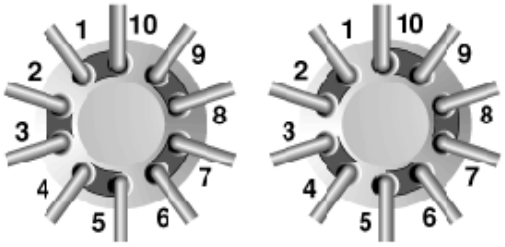
MHP9962-501-1
High Flow Selection Valve, 2 Position/10 Port

Description

The MHP9962-501-1 is a PEEK 2-position, 10-port motorized valve that includes 20 MHz clock speed circuit board. This board is referred to as the Motor Driver/Valve Controller Board and is programmed for 1-line level logic control. The design of this valve provides a small footprint.



Flow Diagram:
A schematic of the valve flow switching pattern is shown to the right. 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.



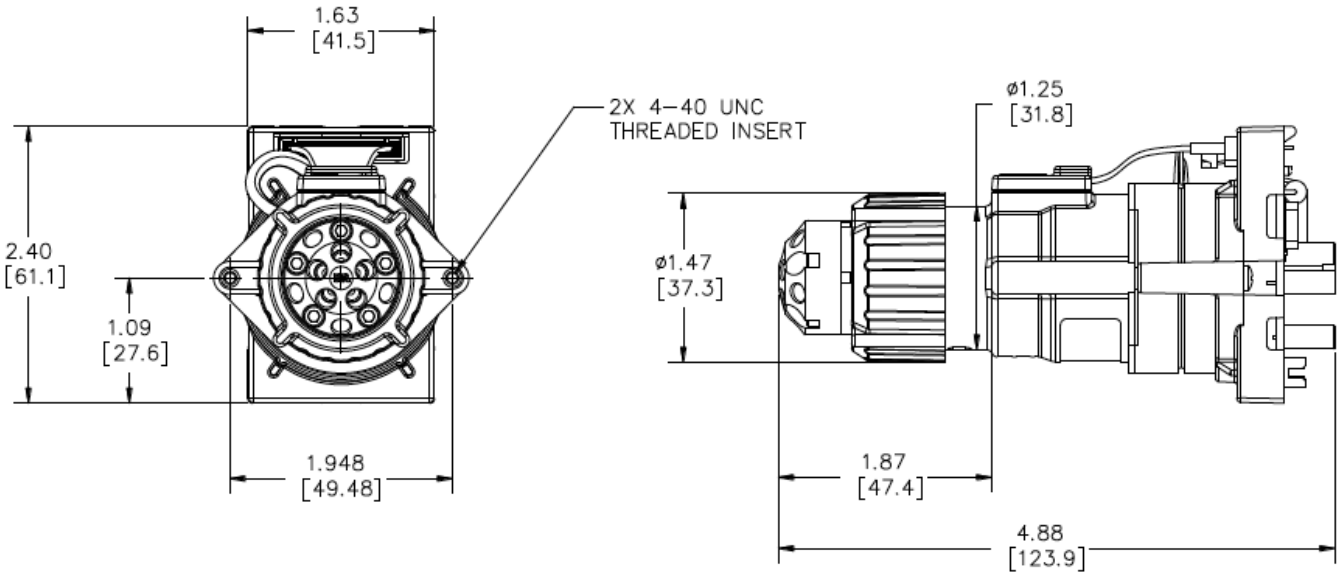
Specifications

- **Liquid Contacts:** PEEK
- **Connections:** Accepts 10-32 UNF-2B male threaded fittings
- **Flow Passage Diameters:** 0.51mm (0.020”)
- **Port-to-Port Volume:** 2.7µL
- **Operating Pressure:** Maximum pressure 345 bar (5,000 psi, 35 MPa)
- **Operating Humidity:** <95% humidity, non-condensing
- **Shipping and Storage Temperature:** Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.
- **Regulatory REACH and RoHS Compliant**: Yes

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Dimensional l Drawings
Dimensions are in inches [millimeters]
For Reference Only



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