

TitanHT™

HT2425-915-3

Reagent Selection Valve, 24 Position/25 Port

Description

The TitanHT™ selector valve displays the latest advances in technology and offers heightened performance. The advanced actuator provides superior ruggedness and reliability.

The HT2425-915-3 is a 24-Position, 25-Port motorized valve with dynamic sealing surfaces. The flow path is a selector with a common center port connected to any one of the radial 24 ports.

Included with the valve is the Titan HTRS driver board programmed for UART control.



Specifications

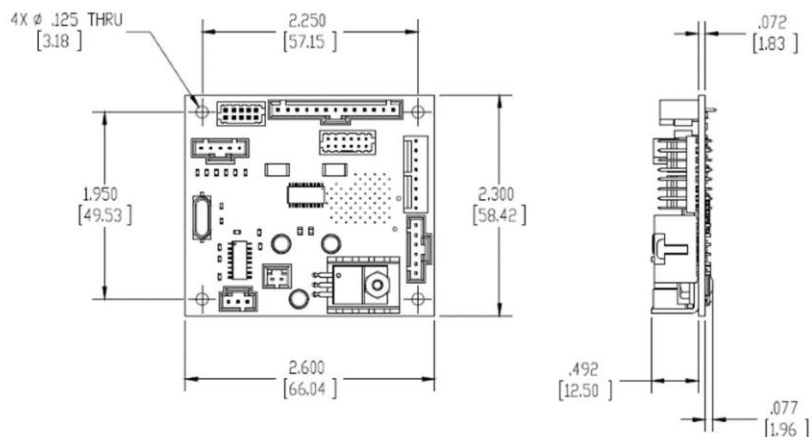
- **Liquid Contacts:** PEEK, RPC-7
- **Connections:** Accepts 6-40 male threaded fittings for flat-bottom ports (Recommended: IDEX H&S part numbers: M644-03 nut and M-650 ferrule)
- **Flow Passage Diameters:** Stator Face Seal 0.020" (0.51mm), Rotor Seal 0.020" (0.51mm), PEEK Stator 0.020" (0.51mm)
- **Port-to-Port Volume:** 5.5µL port-to-port
- **Operating Pressure:** Maximum pressure 40 psi (276 kPa) @ a maximum leak rate of 1µL/min water
- **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 Compliance Information:** Yes

Dimensional I Drawings

Dimensions are in inches [millimeters]

For Reference Only

PCB Board Assembly



Valve Assembly

