

CV Series

CV900-100

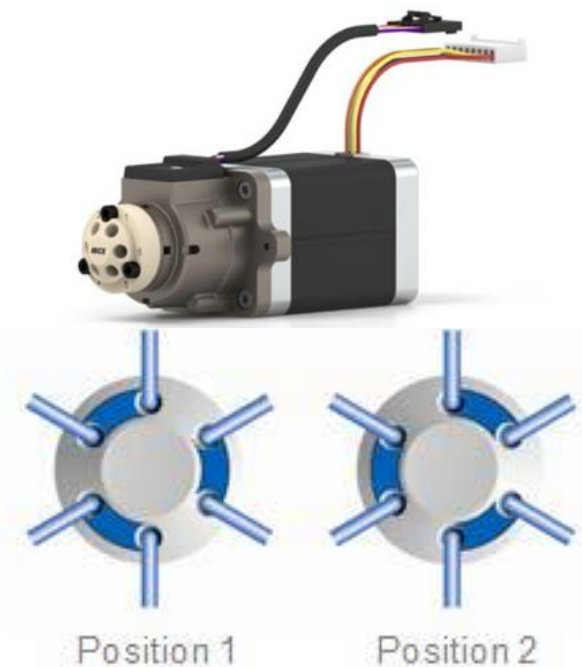
HPLC Injection Valve, 2 Position/6 Port (PEEK)

Description

The CV900-100 is a 2-position, 6-port PEEK valve. This valve has a small compact footprint for easy integration into OEM instrumentation.

Flow Diagram:

The flow switching pattern of the valve is shown to the right. The six dark circles represent the ports internal to the valve. The blue grooves represent the connecting passages in the rotor seal. The valve rotates 60° between positions one and two. Please note that this is a representation of the flow path and may not show the true position of the ports and grooves.



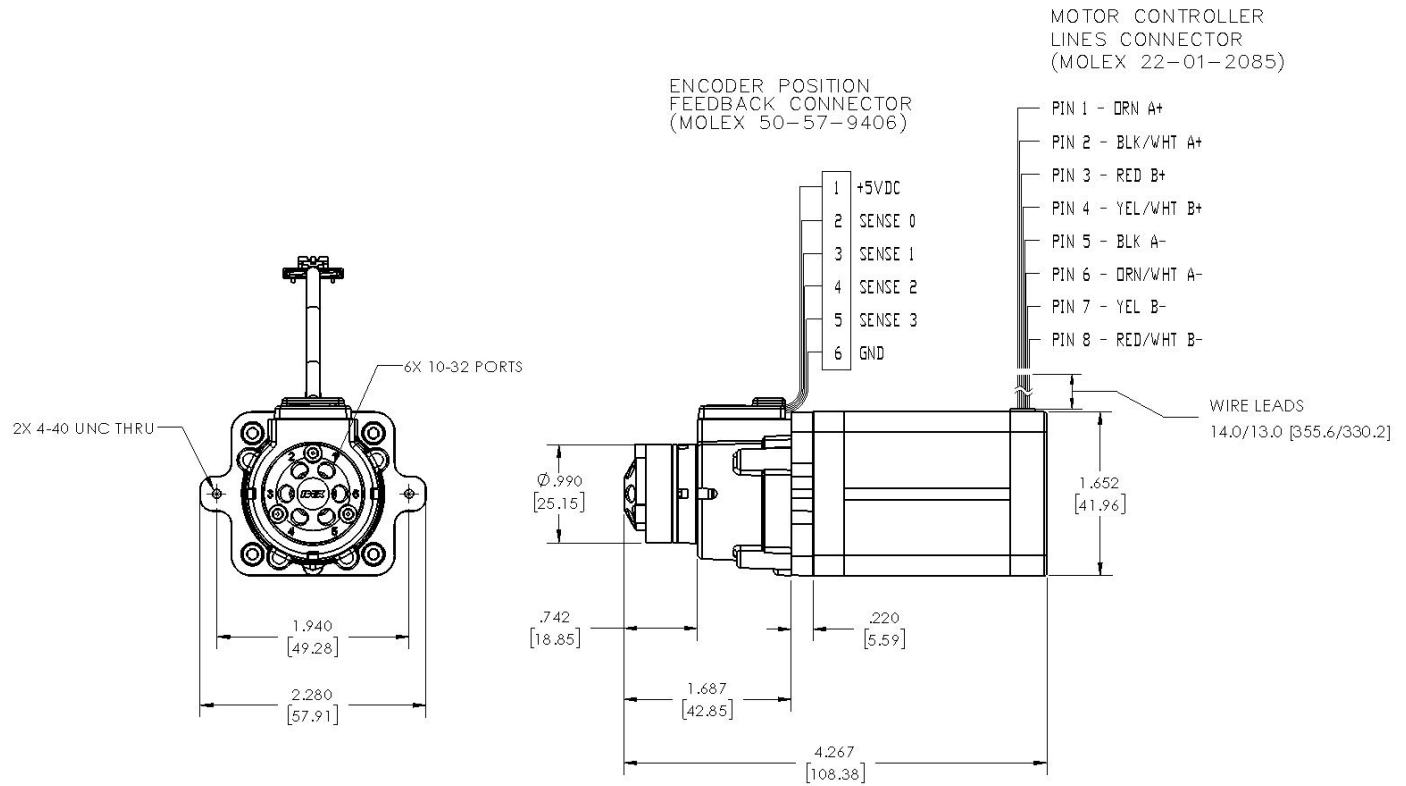
Specifications

- **Liquid Contacts:** PEEK, RPC-10
- **Connections:** Accepts 10-32 UNF-2B male fittings
- **Flow Passage Diameters:** Stator: 0.28mm (0.011"), Stator Face Seal: 0.23mm (0.009") per hole, Rotor Seal: 0.25mm (0.01") per groove
- **Port-to-Port Volume:** 0.59µL
- **Operating Pressure:** Maximum pressure 414 bar (6,000 psi, 41 MPa)
- **Operating Temperature:** 20°C - 60°C
- **Operating Humidity:** <95% humidity, non-condensing
- **Shipping and Storage Temperature:** -40°C- 80°C - 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

Dimensional I Drawings

Dimensions are in inches [millimeters]

For Reference Only



Dimensional I Drawings (continued)
 Dimensions are in inches [millimeters]
 For Reference Only

