

# CV Series

CV720-100

UHPLC Selector Valve, 2 Position/6 Port

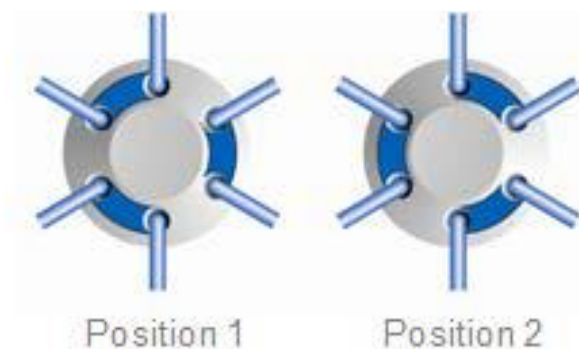
## Description

The CV720-100 is a 2-position, 6-port 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:** SPC-3, RPC-17
- **Connections:** Accepts 10-32 male UNF-2B male threaded fittings
- **Flow Passage Diameters:** Stator 0.20mm (0.008"), Rotor Seal 0.25mm (0.010") per groove
- **Port-to-Port Volume:** 0.22µL
- **Operating Pressure:** Maximum pressure 1,240 bar (18,000 psi, 124 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

## Dimensional | Drawings

Dimensions are in inches [millimeters]

For Reference Only

MOTOR CONTROLLER  
LINES CONNECTOR  
(MOLEX 22-01-2085)

ENCODER POSITION  
FEEDBACK CONNECTOR  
(MOLEX 50-57-9406)

