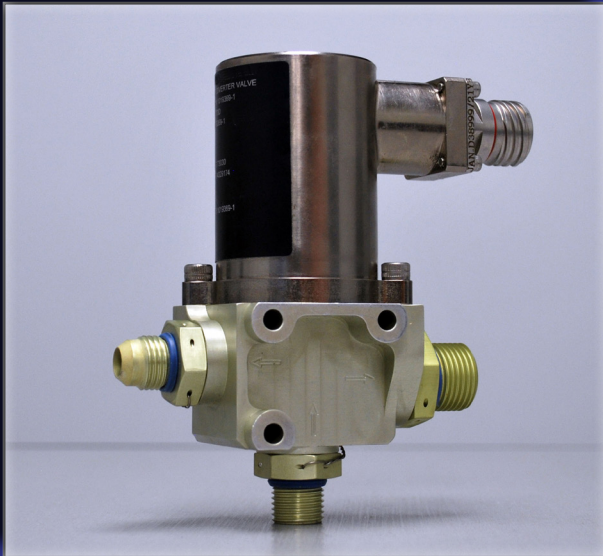


# V14100-76

## 3-Way Diverter Valve



Valcor Engineering Corporation



### DESCRIPTION

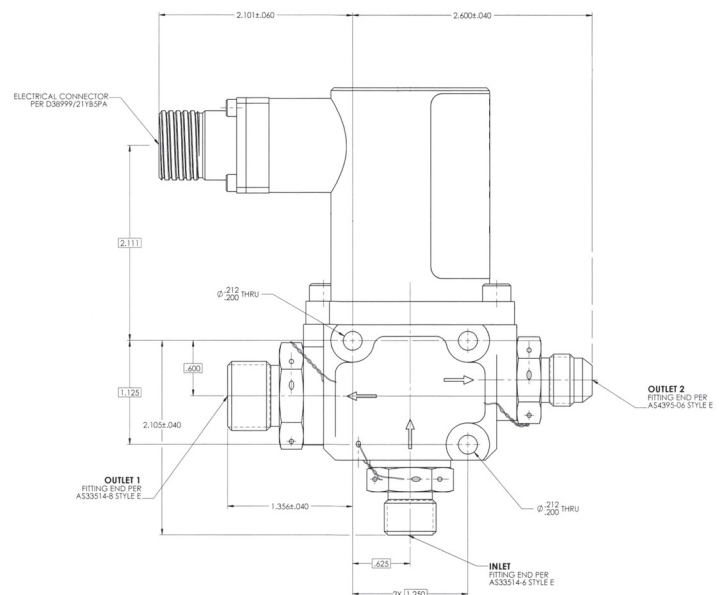
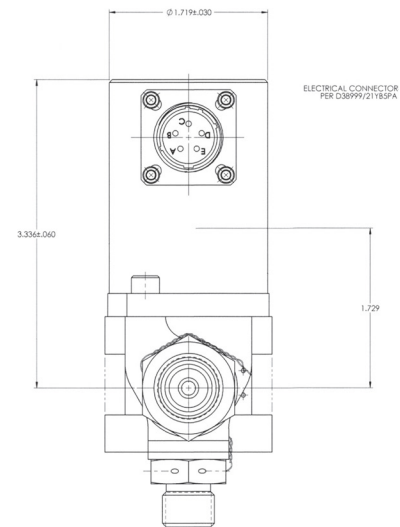
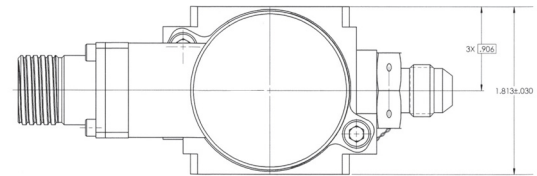
V14100-76 3-way diverter solenoid valves are designed to control the flow of non-corrosive liquids and gases and are well-suited for the extreme vibration, temperature, and cycle life requirements found in the most severe flight operating conditions. They utilize Valcor's proprietary floating seal technology which provides tight shut-off, long service life, and the ability to handle particulates in the fluid stream without leaking. The compact size and low weight allow these valves to be used in the tightest space available. These valves are direct acting, and do not require system pressure to operate. The diverter function directs an inlet flow stream to one of two outlets, diverting flow from one process line to another.

### APPLICATION

V14100-76 is typically used in aircraft air conditioning drain systems. The valves include position indication with a N/O switch for remote monitoring.

### FEATURES

- Maximum Operating Pressure: 0-58 PSIG
- Flow Rate: Cv of 0.419
- Bubble tight shut-off on gas, drip tight on liquids
- Temperature: +32°F to +110°F
- Current: <2 amps at 32 VDC and 70°F
- Electrical connection: MIL-W-1687A standard. MS connector available.
- Wetted Materials: 302, 303, Carbon, Fluorosilicone, Aluminum, 430F
- Unique polarized end connections prevent incorrect installation in the system
- Three .212" diameter panel mounting holes in body
- Weight: 2.0 lbs. max
- Position indication with a N/O switch for remote monitoring
- Fully customizable for your application



Custom designs are our specialty. Contact us today to see how we can help on your next project.

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