

OCV Model 800

Float Pilots

Aquestia
Directing the Flow



General representation



Fueling



Aviation
Fueling

Interface Float Pilot Block

Description

The OCV 800 pilot block is the key control element of all OCV filter separator float controls. Its sole purpose is to allow only the discharge of clean, water-free fuel from the filter separator. The 800 pilot is used on four different float assemblies, as shown below.

Model	Description
800B	Bottom-mount / 7.5" diameter flange
800C	Side-mount / 4" Victaulic connection
800D	Side-mount / 8" diameter flange
800H	Bottom-mount / 10" diameter flange / low-profile float

Operation

Equipped with the proper counterweighted float, the float will "ride" the interface between water and fuel in the filter separator sump. Depending on the water level, the OCV 800 will route filter separator pressure from the POWER port to the other components in the system as follows:

Float Position	Discharge (Slug) Valve	Water Drain Valve
Down	Open - discharge fuel	Closed
Median	Open - discharge fuel	Open - discharge water
Up	Closed	Open - discharge water

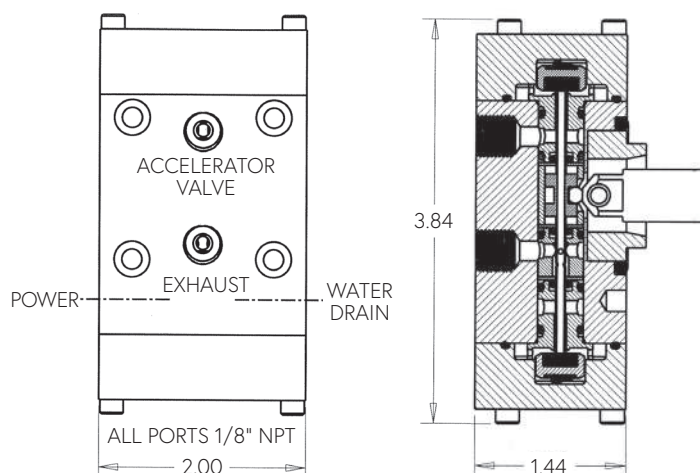
Certification & Compliance



Features & Benefits

- Used on all OCV filter separator float controls
- Accurate and responsive movement to rising water
- Low friction operation
- Pressure balanced design
- Resilient seating resists leakage
- Four-way control to actuate discharge slug valve and/or automatic water drain valve
- No lubrication necessary
- Unique, time-proven design
- Factory tested
- All-Stainless Steel construction

Maximum Pressure: 100°F / 37.78°C, 300 psi (20.7 bar)
Operating Temperature: 32° - 120°F (0° - 49°C)
Materials: Stainless Steel (body, end caps, internals); Viton® (seals); P/N 920010 (seal repair kit)



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