Fuel Selector Manifolds
6 Port Manifold with Manual Override and 5 PSI Check Valve

General Description:
Parker Fluid Control’s Fuel Selector Valve Manifolds are designed for electrically controlled remote tank selection in application with multiple diesel fuel tanks.

Unique in design, the Fuel Selector Valve Manifold permits continuous engine function during tank switching from a safe and convenient location.

These innovative manifold solutions include 2-way, normally closed solenoid operators that are rated for fuel safety shut-off and feature a manual operator (standard) for system operation during a power outage.

Installation:
Valves can be mounted in any position.

Standard Materials of construction:
Body – Anodized Aluminum
Seals – Fluorocarbon (FKM)
Sleeve – 300 Series Stainless
Plunger/Stop – 430 FR
Stem – Stainless Steel

Electrical Characteristics:
Standard Voltages
DC - 12, 24

Coil Classification:
Class F standard (10 watt)

Maximum Ambient Temperature:
176°F

System Specifications:
- Six Port Diesel Manifolds
- Four 2-Way normally closed operators ensure fuel shutoff and return flow.
- 5 PSI (0.34 bar) check valve included with manifold to be installed between engine supply and return ports.

Applications:
- Marine/mobile applications
- Multiple tank selection
- Fuel polishing (marine)
- Power generation
- Multiple tank selection

Mechanical Characteristics:
- Recommended Filtration: 150 micron (not included)
- Flow Capacity:
  - 180 GPH - 6 port diesel
**Maximum Ambient Temperature:**
176°F
Per ABYC H23 (Diesel Fuel Systems) and ABYC H-24 (Gasoline Fuel Systems)

**Maximum Fluid Temperature:**
71°C or 160°F

**Current Draw:** .83A each coil

For equivalent 3 port versions of the valve. For gasoline service, please contact Parker Hannifin Fluid Control Division @ 1800-VALVE05.

**Power Consumption:** 10 watts each coil

**Coil:** Molded Class F coil with 18” leads

**Electrical Enclosure:** External Yoke

**Body Material:** Aluminum

**Seal Material:** FKM