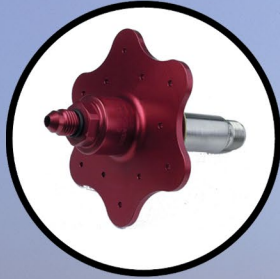




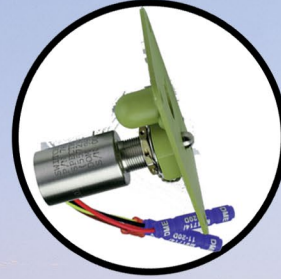
Spectrum®

Switch/Valve Assemblies



Actuators

Position Switches



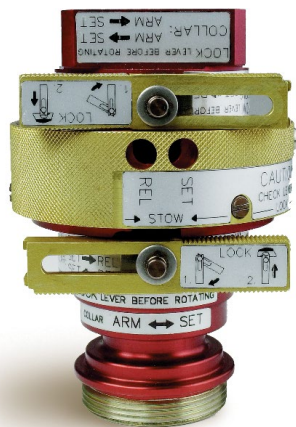
Pressure Switches



Indicators



Breakaway Fuel Valves



Series 14900 Frangible Quick Disconnect Assembly

Breakaway Valve Now Featuring Manual Quick Disconnect Arm/Re-arm Option

- No pressure loss** (when disconnected)
- No pressure drop** (in operation)

Our new Series 14900 Frangible Quick Disconnect Assembly takes the proven 14000 Series BALVAC® (Ball Valve, Automatic Closure) Breakaway Valve Assemblies one step further.

Frangible Quick Disconnect Assemblies retain all of the proven spring-loaded self-rotating breakaway ball valve design features, while adding a manual reset "quick-disconnect" option.

In this manner, the assembly not only operates as a frangible segment of the pressurized fuel system, it is also quickly engaged or disengaged.

This feature allows rapid installation or removal of additional fuel tanks/bladders or other extended range fuel system components, with no loss of pressurization and while maintaining all frangible system requirements. System level leak check acceptance test procedures (ATPs) are not required after reconnection.

Existing breakaway valve installations can be retro-fit with a Spectrum® Frangible Quick Disconnect Assembly with no penalty in fuel flow/pressure drop considerations.

Fully Compliant To FAR PART 29.952 For Crashworthiness

Series 14900 Specifications:

- Line sizes: 1/2" - 3"
- End fittings: per customer specifications
- Types: Single/double closure available
- Construction: Anodized aluminum
- Frangible loads: per customer specifications
- Pressure range: Full vacuum to +120 psig
- Proof pressure: 180 psig
- Burst pressure: 240 psig

Data available upon request.

From concept through production.

