

H2 High Pressure Shut-Off Valve

Hydrogen Fuel Systems



Product Features:

- Designed for use in high pressure H2 systems up to 350 bar (5,000 psi)
- Standard 22 watt fused Haz Loc coil
- Different coils and connections available depending upon customer requirements
- Unsplit nylon corrugated conduit sealed at both ends with adhesive lined shrinktube for improved protection in harsh environments

Typical Applications:

- H2 Fuel Systems
- H2 Fuel Cell Electric Vehicles (FCEVs)
- H2 ICEs
- Zero Emissions & Next Generation Powertrain Initiatives

Key Design Attributes:

Indirect Pilot Operated

- Filtered pilot circuit with precision orifice
- High magnetic efficiency short travel plunger
- High cycle life plunger return spring
- Redundant external seals

Flow Control Piston

- 450G Peek construction for high pressure longevity
- Stainless steel liner for additional stability against strain
- Long stroke, soft close design
- Wear compensating, spring energized Parker Flexi-Seal piston u-cup

Numerous connection options

- SAE J1926
- Modified SAE J1926(Parker H2P – EC-79, 700 barg)
- Parker Autoclave(Single-ferrule compression sleeve)

Patent pending



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Dimensions

