

H2 Low Pressure Shut-Off Valve

Hydrogen Fuel Systems



Product Features:

- Designed for use in H2 systems up to 22 barG(305 psig)
- H2 Material compatibility
- Maximized orifice and flow diameters to enable high flow coefficient in a compact size
- Different coils and connection available depending upon customer requirements
- Cartridge version available for design flexibility

Typical Applications:

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

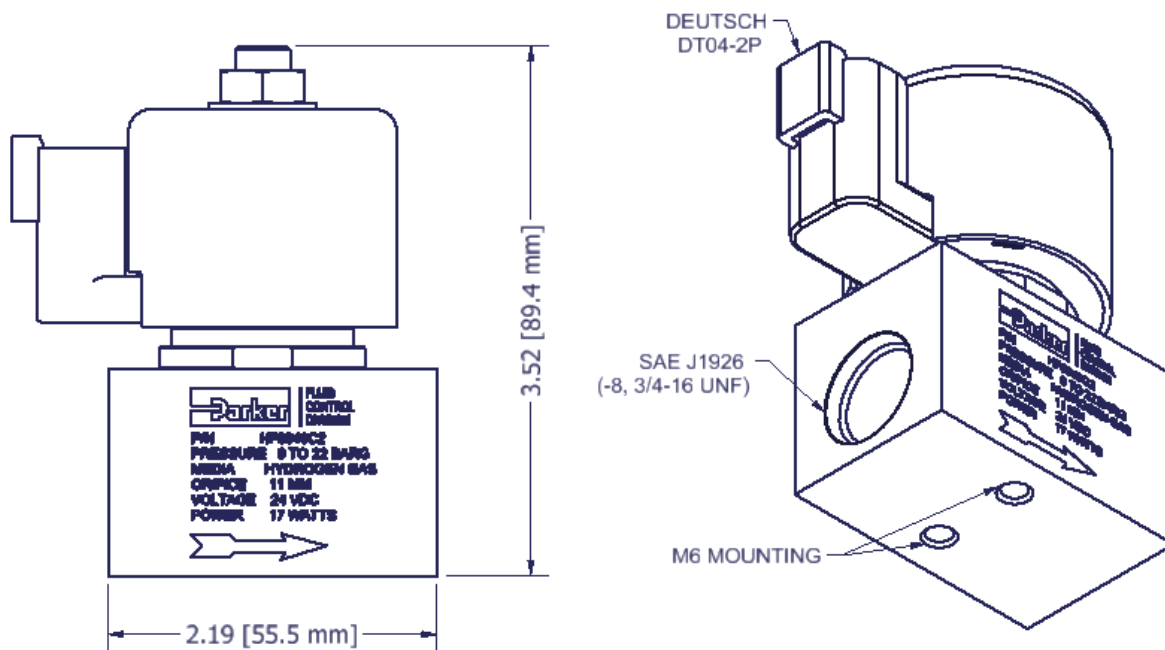


Key Design Attributes:

- Valve Function: 2/2 Normally Closed
- Flow Direction: Unidirectional as marked
- Maximum Operating Pressure: 319 psig (22 Bar)
- Media: Gaseous Hydrogen at -40C to +85C
- Operating Temperature: -40C to +85C
- Valve Body: Material 316L SS, Ports SAE J1926(-8, 3/4-16 UNF)
- Orifice Diameter: 0.43 in (11mm)
- Transportation Class Solenoid Coil: Rated Voltage/Wattage 12VDC or 24VDC/17W, DT04-2P Deutsch connector, UL Class H(180C) Coil Encapsulation System, IP69K Moisture Ingress Protection
- Internal Seal Material: HNBR / Buna-N
- Internal Component Materials: Austenitic and Ferritic Stainless



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Dimensions

