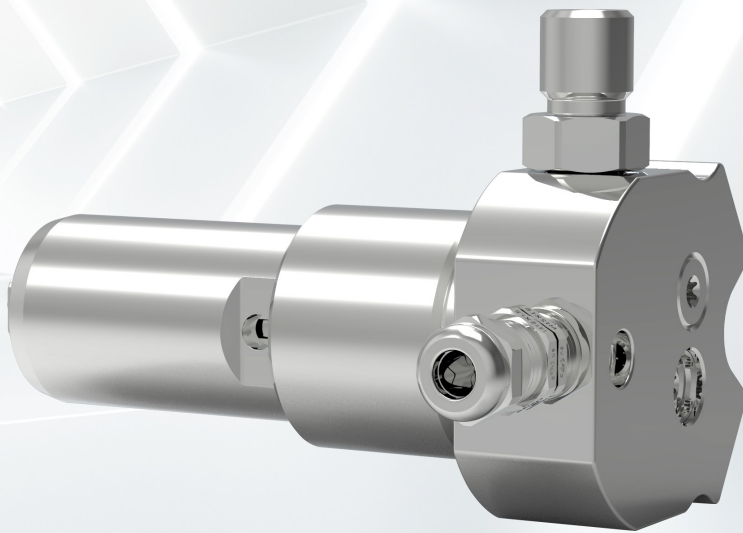


70 MPa Hydrogen OTV



Maximum transient power consumption
 $\leq 6 \text{ W}$

Leakage rate
 $\leq 0.6 \text{ Nml/h}$

Burst pressure
 $\geq 175 \text{ MPa}$

Maximum start current
 $\leq 1 \text{ A}$

Refueling flow rate
 $\geq 60 \text{ g/s}$

Weight
520 g

Filter fineness
10 μm

PRODUCT PRESENTATION

With a highly integrated and built-in solenoid valve design, the OTV has the advantages of miniaturization and lightweight, high reliability and low power, and durability can be more than 50,000 times. In addition, OTV has the function of over-temperature defuel and excess flow protection, which can effectively ensure the safety of vehicles and people.

TECHNOLOGY HIGHLIGHTS

- Miniaturized, lightweight and integrated design
- Modular, universal design
- Low-cost (processability) design
- Built-in design of solenoid valve
- Low power consumption

Application scenario of 70 MPa tank valve

The product has a wide use in 70MPa onboard hydrogen storage system, including passenger vehicles, commercial vehicles, etc. Its application also can be extended to UAV, hydrogen fuel cell ships and other fields.



Breaking Frontiers in Technology, Fueling Tomorrow with Hydrogen

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