

## H2 Shut-off Valve



### Applications

- Fuel cell
- Electrolyzer
- H2 ICE

### Features

- Pilot valve with low pressure drop
- Safe due to pressure-loaded closing
- Customized interface
- Different connectors are available  
e.g. Deutsch, DIN, etc.
- Suitable also for DI & PFI applications

The above specifications apply to the standard versions. Other versions are available on request.

### Detailed information requested?

ETO GRUPPE  
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### Technical data

#### H2 Shut-off Valve (SOV)

Nominal diameter	6 mm
Voltage range	22 to 32 V
Peak current	0.65 A
Hold current	0.25 A
Inlet pressure	up to 45 bar
Burst pressure	110 bar
H2 flow	35 kg/h @ $\Delta p = 0.5$ bar
Temperature range	-40 to 125 °C
Actuation	PWM (Peak & Hold)
Protection class	IP6K9K
Response time	ca. 50 ms
H2 leakage	1E-4 mbar l/s