

## H2 Flow Control Valve - Low Pressure



### Applications

- Fuel cell
- Electrolyzer

### Features

- Proportional valve
- Linear flow characteristic
- Integrated shut-off valve
- Customized interface
- Suitable for blower & JetPump

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

### Technical data

#### H2 Flow Control Valve (H2FCV)

Nominal diameter	3.2 mm
Voltage range	9 to 16 V
Control current range	1.2 to 2 A
Inlet pressure	up to 18 barA
Burst pressure	110 bar
H2 flow	4.4 g/s @ $\Delta p = 3$ bar
Temperature range	-40 to 95 °C
Actuation	PWM (current control)
Protection class	IP6K9K
Response time	ca. 20 ms
Hysteresis (10...90% @ 350 Hz)	< 15 % FS
Linearity (10...90% @ 350 Hz)	< 10 % FS
H2 leakage	5E-4 mbar l/s

### Detailed information requested?

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