

Purge / Drain Valve

Introducing the Media-Separated Anode Valve, a key element in nass magnet's entry into the hydrogen industry.

This basic valve is engineered for ultimate flexibility to meet your specific application requirements. Contact us and together we will ensure the success of your project.

Temporary data sheet

For further information please contact

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Content

Purge / Drain Valve	1
Functional Overview	2
Technical Data	2
General Information	2
Electrical Data	3
Pneumatic Data	3
Norms and certifications	3
Dimensions	4

Functional Overview

General data of base valve

Voltage	12 V DC
Control	PWM-control
Valve function	2/2 NC
Max. operating pressure	3 [bara]
Resistance against	Aggressive media
Temperature range	-40° C to +95° C
Switching cycles	24 Mio.
Leakage	Minimal / ultra fine
Medium	Separate valve technique (substances on request)



Technical Data

General Information

Number	812-001-0318	
Description	Solenoid valve 2/2NC 2,5 2bar 12 V	
Construction stage	End product	
Type Valve body	Cartridge	
Function	Media seperated	
Application area	Purge / Drain for fuel cell	
Min. ambient temperature	-40° C	different temperature ranges on request
Max. ambient temperature	+95° C	different temperature ranges on request
Options	filter	filter at A-port on request
Dimensions [mm]	Ø34,5x67,5	individually adaptable to customer interface

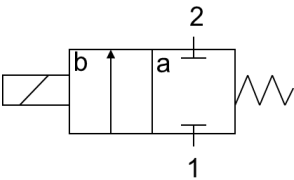
Valve is in the sample state.
Technical data show actual development status.
Document created in April 2024

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Electrical Data

Voltage type	DC	
Voltage	12V / 24V	
Control	PWM	
Electrical connection	pin	different connectors available on request
IP protection	-	different types of protection class on request

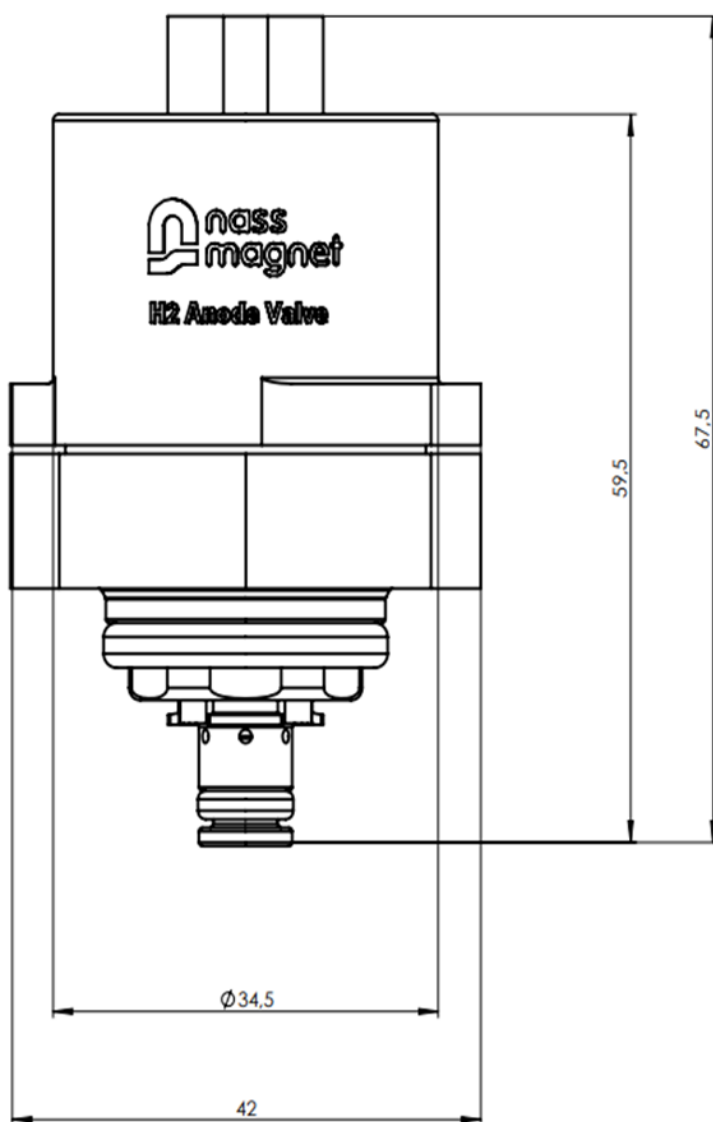
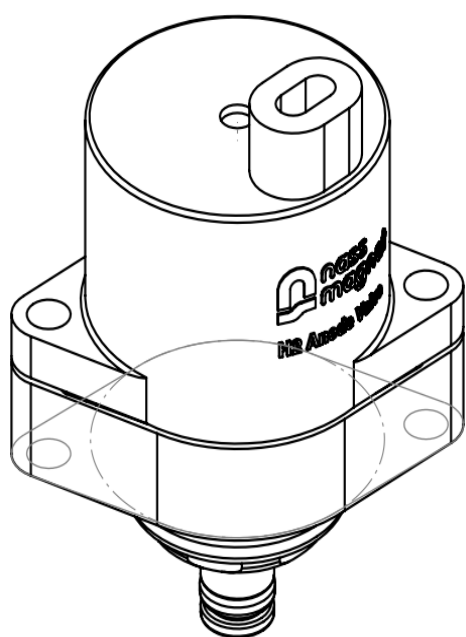
Pneumatic Data

Function	2/2 NC	
Connection drawing		
Nominal size	2,5 [mm]	other nominal sizes on request
Operating pressure	3 [bara]	different pressure range on request
Burst pressure	> 6 [bara]	different pressure range on request
Switching cycles	> 20 million	
Leakage	minimal / ultra fine	
Media	H2, H2O, coolant, air, aggressive media	further media on request

Norms and certifications

Approval	IATF 16949	further approvals on request
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Dimensions



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