



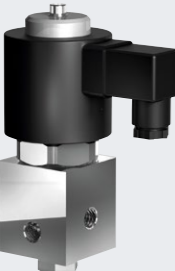





# VALVE SOLUTIONS FOR HYDROGEN APPLICATIONS



Innovative Valve Technology

# VALVE SOLUTIONS FOR HYDROGEN APPLICATIONS

- Wide range of different materials to cover hydrogen standards
- Various types of connections available
- We are the experts for your needs – from standard valves to customized solutions

	Type	Description	Seat	Connection	Function	Pressure range	Medium	Temperature range		
								Standard	ATEX	
	55	2/2-Way solenoid valve, piston design, direct acting	DN0.5-DN0.8	G <sup>1</sup> / <sub>4</sub> BSP or NPT	NC/NO	0-900 bar	Hydrogen and other neutral gases	-40 °C/+80 °C	-40 °C/+60 °C	
	55	2/2-Way solenoid valve, piston design, direct acting	DN1-DN6	G <sup>1</sup> / <sub>4</sub> BSP or NPT	NC/NO	0-450 bar	Hydrogen and other neutral gases	-40 °C/+80 °C	-40 °C/+60 °C	
	75HD	3/2-Way solenoid valve, piston design, direct acting	DN1-DN5	G <sup>1</sup> / <sub>4</sub> BSP or NPT	NC/NO	0-300 bar	Hydrogen and other neutral gases	-30 °C/+80 °C	-30 °C/+60 °C	
	2/529	2/2-Way solenoid valve, piston design, pilot operated	DN12-DN50	G <sup>1</sup> / <sub>4</sub> -G2 BSP or NPT	NC/NO	1-450 bar	Hydrogen and other neutral gases	-40 °C/+80 °C	-40 °C/+60 °C	
	3/071	2/2-Way solenoid valve, piston design, pilot operated	DN8	G <sup>1</sup> / <sub>4</sub> -G <sup>1</sup> / <sub>2</sub> BSP or NPT	NC	5-900 bar	Hydrogen and other neutral gases	-10 °C/+80 °C	-10 °C/+60 °C	
	8/100	2/2-Way valve, piston design, direct pressure operated	DN1-DN8	G <sup>1</sup> / <sub>8</sub> -G <sup>1</sup> / <sub>4</sub> BSP or NPT	NC/NO/DW	0-1.200 bar	Hydrogen and other neutral gases	-40 °C/+80 °C	-40 °C/+80 °C	
	52	2/2-Way solenoid valve, piston design, direct acting	DN1-DN6	G <sup>1</sup> / <sub>8</sub> -G <sup>1</sup> / <sub>2</sub> BSP or NPT	NC/NO	0-90 bar	Hydrogen and other neutral gases	-10 °C/+80 °C	-10 °C/+60 °C	
	35	2/2-Way solenoid valve, piston design, force pilot operated	DN13.5-DN50	G <sup>1</sup> / <sub>4</sub> -G2 BSP or NPT	NC/NO	0-40 bar	Hydrogen and other neutral gases	-40 °C/+80 °C	-40 °C/+60 °C	

GSR offers especially developed valve technology for hydrogen applications. Our product range varies from low to high-pressure and from standard valve to customized solutions.

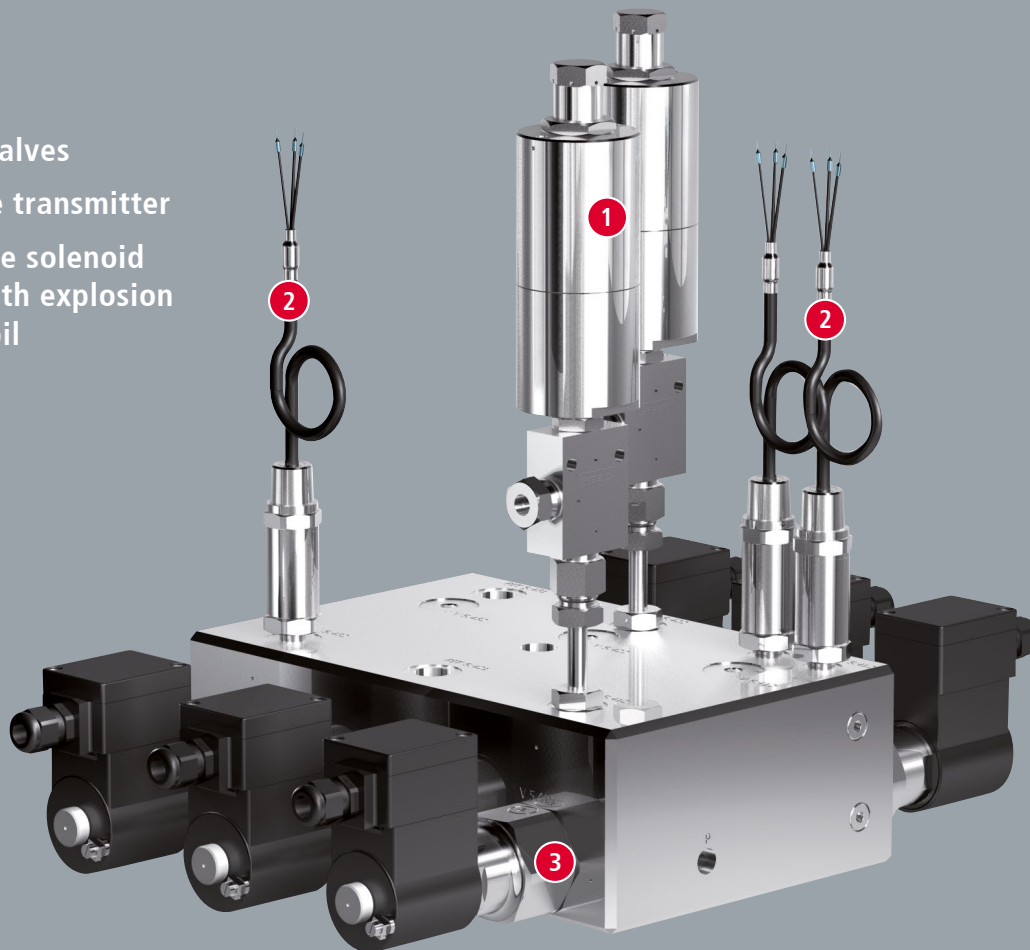
Over 45 years of experience in development, production and worldwide distribution of solenoid and pressure-operated valves makes GSR Ventiltechnik your partner for reliable valve technology.

# VALVE SOLUTIONS FOR HYDROGEN APPLICATIONS

customized solutions



- 1 Safety valves
- 2 Pressure transmitter
- 3 Cartridge solenoid valve with explosion proof coil



Example of a valve block

Our qualified team will support you in choosing the type of valve that fits your application.

## GSR Ventiltechnik GmbH & Co. KG

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