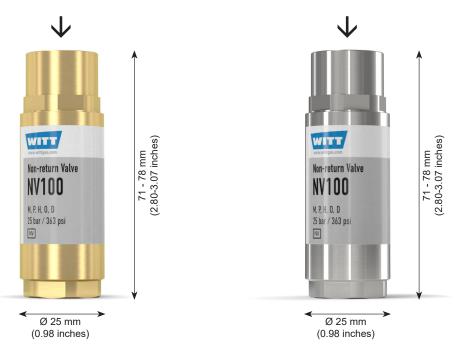
NON-RETURN VALVES NV100





WITT non-return valves for reliable protection against dangerous reverse gas flow. Every non-return valve 100% tested.

The best non-return valves in the world Benefits

- a spring loaded non-return valve prevents back feeding of gases which could lead to unwanted gas mixtures
- low pressure drops using complex valve assembly with low opening pressures (approx. 30 mbar)
- no leaks using of a spring loaded valve assembly with elastomer sealing
- diverse applications useful for many technical gases
- reduce installation costs the spring loaded valve is not affected by gravity and may be installed in any orientation

Operation / Usage

 non-return valves are used to protect equipment and pipelines against dangerous reverse gas flow.
Use is possible for applications according to EN 746-2

- WITT non-return valves may be mounted in any position / orientation
- the maximum ambient / working temperature is 60 $^\circ\text{C}$ / 140 $^\circ\text{F}$

Maintenance

- annual testing of the non-return valve and body leak tightness is recommended
- WITT is happy to supply special test equipment
- non-return valves are only to be serviced by the manufacturer

Approvals

Company certified according to ISO 9001 Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Model	Max. working pressure	[bar]	Housing- Material	Seal- Material	Weight [g]	Connection [inch]	Order-No.
NV100	Town gas (C), Natural gas (M), LPG (P),	25	Brass	Elastomere	190	G 1/8	100145-001
	Hydrogen (H), Oxygen (O), Compressed air (D) non-flammable gases					G 1/4 G 3/8	100145-002 100145-003
	Town gas (C), Natural gas (M), LPG (P), Hydrogen (H), Oxygen (O), Compressed air (D) non-flammable gases	25	Stainless steel		150	G 1/8	-
						G 1/4 G 3/8	145GRS-009 145GRS-011

Other connections available upon request

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