

Safety Valve - Optimal protection against overpressure

The hygienic AWH safety valve **reliably protects** tanks and piping systems **against overpressure** when all automatic regulating, control and monitoring systems have failed.

The **minimal dead space** design offers the greatest possible **protection against contamination** in the areas that come into contact with the product and those that do not. The valve with its properties is therefore suitable for the food, beverage, bio-pharmaceutical and cosmetic industries.

The mechanics of the new spring-loaded valve are mounted on the inside, above the diaphragm. This **protects all moving components from contamination**. Thanks to the special, standard lifting mechanism, the valve cannot be accidentally blocked. All components in contact with the product are **made of high-quality stainless steel 1.4404 (316L)**. The safety valve is factory set and sealed.

A pneumatic lifting device can be ordered as an option. This device can be used to perform function tests or to open the valve pneumatically during purging processes. As a further option, function monitoring by sensor can be ordered. This sensor provides feedback when the valve is open. The sensor is thus not only used to monitor the cleaning cycles, but also reports an opening of the valve when the pressure in the line system is too high.

Technical Data

Response pressure:	DN25 - 80:	0.5 - 10.0 bar
	DN100:	0.5 - 7.0 bar
Increments:	0.1 bar increments	
Classification:	normal-acting, release according to EN ISO 4126	
Operating temperature:	10 °C - 95 °C	
Material:	1.4404 (316L) in contact with the product	
Sealing material:	EPDM, FDA-compliant	
Nominal widths:	DN25 - DN100	
Medium:	non-adhesive liquids and gases	
Outlet:	either pipe or flange connection to customer requirements	
Inlet:	Flanges and connections according to customer requirements	



**Enquire
now!**

