

**Utilization**

The membrane safety valve is part of the safety apparatus for installations fed with water or water mixture as vector.

The valve discharge pressure is factory-set and cannot be modified without tampering with the seal, placed on the knob, which indicates setting pressure and approval mark.

**Installation and maintenance**

The safety valve must be installed in a minimum temperature point, in the highest level point or near by the exit of the heat generator or the accumulation device, complying with the flow direction shown by the arrow.

The connection pipe to the inlet of the safety valve must be designed to prevent accumulation of remains and dirt, must be not longer than 1 m, without any reduction of the section, it is forbidden to use any interception device.

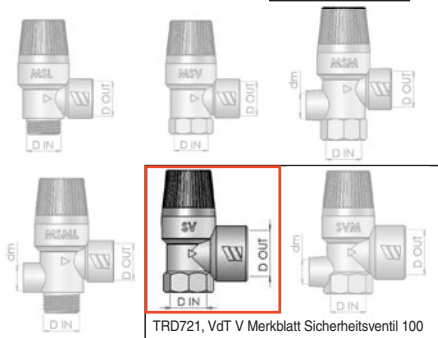
The outlet connection pipe must be of the same size of the discharge connection of the valve, must be not longer than 2 meters, must have no more than two curves, must prevent condensate accumulation and avoid freezing.

The end of the drainpipe must be designed so that the discharge is visible and cannot cause damages.

The safety valve functioning must be inspected every year by qualified personnel: the knob must be turned in order to cause a manual discharge for the valve seat cleaning.

**Construction and technical specifications**

- Body in EN 12165-99 CW617N brass
- Long lasting high temperature resistant diaphragm
- Manual discharge knob in shockproof resin
- NiCr steel spring

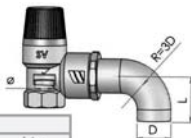


TRD721, VdT V Merkblatt Sicherheitsventil 100

S/N	D IN ISO 228/1	D OUT ISO 228/1	dm ISO 228/1	PN (bar)	T min (°C)	T max (°C)
MSL..1/2"	1/2"	1/2"	-	10	-10	+110
MSV..1/2"	1/2"	1/2"	-	10	-10	+110
MSM..1/2"	1/2"	1/2"	1/4"	10	-10	+110
MSM..3/4"	3/4"	3/4"	1/4"	10	-10	+110
MSML..1/2"	1/2"	1/2"	1/4"	10	-10	+110
<b>SV..1/2"</b>	<b>1/2"</b>	<b>3/4"</b>	<b>-</b>	<b>10</b>	<b>-10</b>	<b>+110</b>
SV..1/2" SOL	1/2"	3/4"	-	10	-10	+180
<b>SV..3/4"</b>	<b>3/4"</b>	<b>1"</b>	<b>-</b>	<b>10</b>	<b>-10</b>	<b>+110</b>
SV..1"	1"	1 1/4"	-	10	-10	+110
SV..1" 1/4"	1 1/4"	1 1/2"	-	10	-10	+110
SVM..1/2"	1/2"	3/4"	1/4"	10	-10	+110

**SV-H (DIN4751-2)**

TYPE	Ø(mm)	kW
<b>SVH..1/2"</b>	<b>13.5</b>	<b>50</b>
<b>SVH..3/4"</b>	<b>14</b>	<b>100</b>
SVH..1"	20	200
SVH..1" 1/4"	30	350



**SV-W (DIN4753-1)**

TYPE	Ø(mm)	kW	Ltr
SVW..1/2"	13.5	75	<200
SVW..3/4"	14	150	200-1000
SVW..1"	20	250	1000-5000
SVW..1" 1/4"	30	17.000	

**SV-SOL (DIN4757-1)**

TYPE	Ø(mm)	kW	m³
SV/SOL..1/2"	13.5	50	50