

Safety fittings for water supply in the building technology sector

## → Series 651mWNK VA

### 651mWNK VA

Safety valves made of stainless steel, angle-type with threaded connections



#### ■ SUITABLE FOR

Potable water cold	up to 40°C	
Potable water hot	up to 95°C	

#### ■ EXAMPLES OF USE

For the protection of:

- closed circuit water heaters for drinking water and process water according to TRD 721, DIN 4753 and DIN 1988 for temperatures up to max. 95°C.

The safety valve is installed in the cold water inlet of the hot water heater according to DIN 1988.

- water heaters for potable and process water and -storage tanks
- Safety valves are set and sealed at the factory.



#### ■ MATERIAL



#### ■ SPECIFICATION



1/2"



- 10°C bis + 95°C



3,0 – 10 bar

#### ■ APPROVALS

TÜV Type test approval 532	W
EU type examination	W
Type approval ACS	
<b>Requirements</b>	
TRD 721	
DIN 4753	
DIN 1988	
DGR 97/23/EG	
<b>Classification society</b>	
American Bureau of Shipping	ABS

#### ■ MATERIALS

Bauteil	Werkstoff	DIN EN	ASME
Inlet body	Stainless steel	1.4408	CF8M
Outlet body	Stainless steel	1.4408	CF8M
Spring housing	Nickel plated brass	CW617N	CW617N
Internal	wetted parts	Stainless steel	316L
	not wetted parts	Brass	CW617N
Spring	Stainless steel	1.1200	ASTM A 228

#### ■ VALVE VERSION

<b>m</b>	Standard with diaphragm	The diaphragm prevents the medium entering into the spring housing and protects moving parts from being affected by the medium.
----------	-------------------------	---

#### ■ MEDIUM

<b>WN</b>	Warm water (national for Germany)	Water heaters with temperatures 95°C
-----------	-----------------------------------	--------------------------------------

#### ■ TYPE OF LIFTING MECHANISM

<b>K</b>	Standard with twist-type lifting mechanism
----------	--

#### ■ VARIATION

<b>VA</b>	wetted parts made of stainless steel
-----------	--------------------------------------

#### ■ AVAILABLE NOMINAL DIAMETERS AND CONNECTION SIZES

<b>Nominal diameter DN</b>		<b>15</b>
<b>Inlet</b>		1/2" (15)
<b>Outlet</b>	1/2" (15)	
	3/4" (20)	■

#### ■ TYPE OF CONNECTION INLET / OUTLET THREADED CONNECTIONS

<b>f / f</b>	Standard	Female thread BSP-P / Female thread BSP-P	DIN EN 10226, ISO 7-1 / DIN EN 10226, ISO 7-1
--------------	----------	---	---

#### ■ SEALS

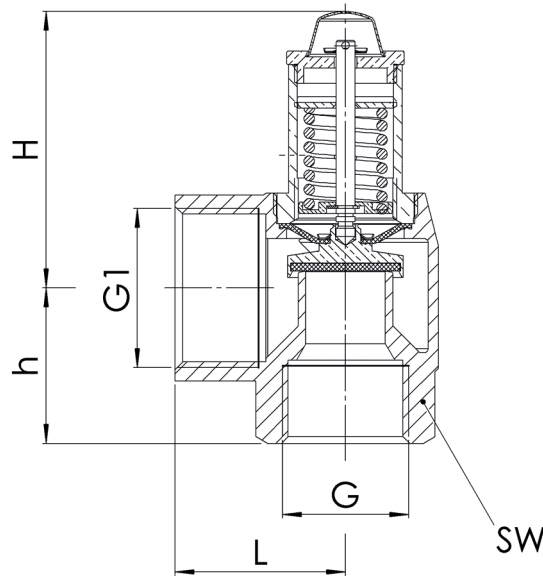
<b>EPDM</b>	Ethylene propylene diene	Elastomere fl at seal and diaphragm (up to 100% glycol resistant)	-10°C to +95°C
-------------	--------------------------	---	----------------

■ NOMINAL DIAMETERS, CONNECTIONS, INSTALLATION DIMENSIONS

Series 651mWNK VA : Connection, installation dimensions, ranges of adjustment		
Nominal diameter	DN	15
Connection DIN EN 10226-1	G	1/2" (15)
Outlet DIN EN 10226-1	G1	3/4" (20)
Installation dimensions in mm	L	34
	H	70
	h	28
	SW	27
Weight	kg	0,3
Set pressure <sup>1</sup>	bar	6; 8; 10

<sup>1</sup>Other set pressures available on request against surcharge

■ MAIN DIMENSIONS, INSTALLATION DIMENSIONS



■ INDIVIDUAL SELECTION / VALVE CONFIGURATION

Series	Valve version	Medium	Lifting device	Variation	Nominal diameter DN	Connection type		Connectiongröße		Seal	Set pressure	Quantity
						Inlet	Outlet	Inlet	Outlet			
651	m	WN	K	VA	15	f	f	15	20	EPDM	6,0	10
651	m	WN	K	VA	15	f	f	15	20	EPDM		
651	m	WN	K	VA	15	f	f	15	20	EPDM		
651	m	WN	K	VA	15	f	f	15	20	EPDM		

In this table you can configure a valve according to your individual requirements (similar to the *example* shown, which should be deleted before you enter your own data). Please complete the table by hand using the abbreviations in this datasheet and then fax it to: +49(0)7141.4889488  
Please do not forget to add your personal data so that our sales team can contact you.

Name \_\_\_\_\_

First Name \_\_\_\_\_

Company \_\_\_\_\_

Telephone \_\_\_\_\_

E-Mail \_\_\_\_\_

■ CAPACITY TABLE

Series 651mWNK VA : Blowing-off rates at 10% above set pressure		
	Nominal diameter DN	15
	Set pressure bar	6; 8; 10
Warm water	Contents of the service water tank in l over to	200
	Max. permissible heating output in kW	75