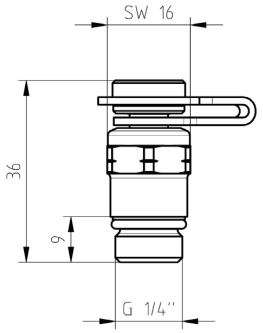
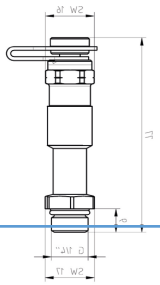
Models

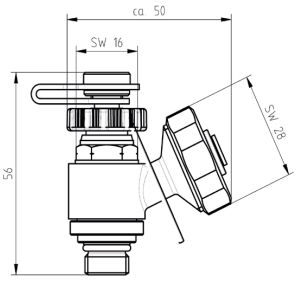
1 **0284** 01	1/4	Test points for HERZ-STRÖMAX-Double regulating valves (manufactured from 2004), DZR brass version, blue marked cap (return), for flow computer.
1 **0284** 02	1/4	Test points for HERZ-STRÖMAX-Double regulating valves (manufactured from 2004), DZR brass version, red marked cap (return), for flow computer.
2 **0284** 01	1/4	Test points for HERZ-STRÖMAX-**MW**-Double regulating valves, DZR brass version, blue marked cap (return), for flow computer, valves are marked with two notches* (**for drinking water**).
2 **0284** 02	1/4	Test points for HERZ-STRÖMAX-**MW**-Double regulating valves, DZR brass version, red marked cap (return), for flow computer, valves are marked with two notches* (**for drinking water**).



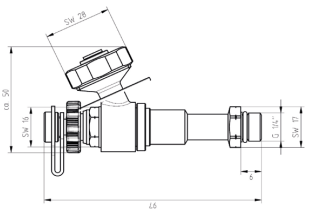
1 **0284** 11	1/4	Test points for HERZ-STRÖMAX-Double regulating valves, DZR brass version, blue marked cap (return), for flow computer, extended model for insulated valves.
1 **0284** 12	1/4	Test points for HERZ-STRÖMAX-Double regulating valves, DZR brass version, red marked cap (return), for flow computer, extended model for insulated valves.



2 **0284** 20	1/4	Test points with draining function, DZR brass version, green marked cap, with swivel hose connection. Test points for flow computer.
1 **0284** 22	1/4	Test points with draining function, DZR brass version, red marked cap, with swivel hose connection. Test points for flow computer.
1 **0284** 21	1/4	Test points with draining function, DZR brass version, blue marked cap, with swivel hose connection. Test points for flow computer.



1 **0284** 23	1/4	Extended test points, drain function, blue marked cap.
1 **0284** 24	1/4	Extended test points, drain function, red marked cap.

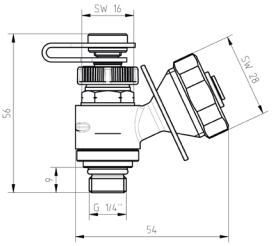


All specifications and information within this document are reflecting the information available at the time of going to print and meant for informational purpose only. Herz Armaturen reserves the right to modify and change products as well as its technical specifications and/or it function according to technological progress and requirements. All diagrams are indicative in nature and do not to be complete. It is understood that all images of Herz products are symbolic representations and therefore may visually differ from the actual product.

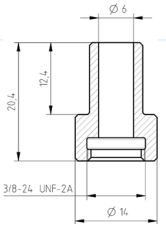
Colours may differ due to printing technology used. In case of any further questions don't hesitate to contact your closest HERZ Branch-Office.

1 **0284** 03 1/4 Test points with capillary connection, DZR brass version, blue marked cap (return).

1 **0284** 04 1/4 Test points with capillary connection, DZR brass version, red marked cap (flow).



1 **0284** 10 1/4 Extension lead for measuring valves, 1 set = 2 pieces.



Operating data 1 0284 xx

Heating- and cooling systems:

Max. operation pressure:	16 bar (20 °C)	Installation position:	any position
Min. operation temperature:	2 °C (pure water)	Medium:	water
	-20 °C (with frost protection)		
Max. operation temperature:	120 °C (10 bar)		

Usage of frost protection: ethylene and propylene glycol 25 - 50 Vol. [%].
Warranty claims will be rendered void in the event of non-compliance with this requirement.

Materials:

Body:	dezincification resistant brass (CW602N)
Sealing:	EPDM
O-ring sealing:	EPDM

Operating data 2 0284 xx

Drinking water:

Max. operation pressure:	16 bar (20 °C)	Installation position: any position
Min. operation temperature:	2 °C	Medium: water
Max. operation temperature:	85 °C (10 bar)	

Materials:

Body:	brass (CW626N)
Sealing:	physiologically harmless material (50 EP 123) according to KTW
O-ring sealing:	EPDM

Scope

The measuring valves are used in technical installations with drinking water as well as hot and cold water. They are used for hydraulic balancing in heating or cooling systems, pre-setting of distribution lines, strings, heat exchangers, heating and cooling coils.

Field of application

For the measurement of balancing valves. The differential pressure and flow can be measured.
Flow Computer 1 **8904** 02 or 1 **8900** 04 recommended.

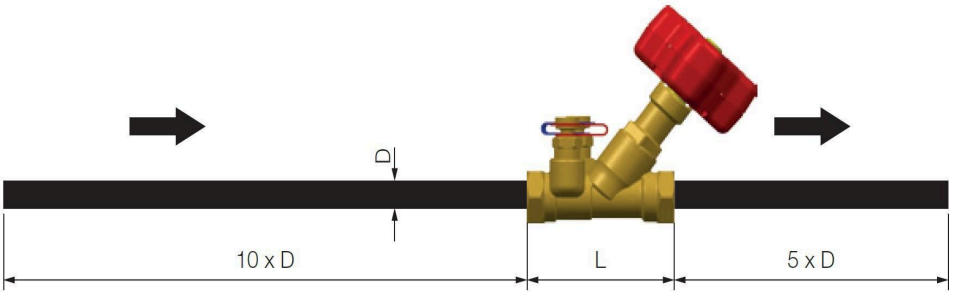
All specifications and information within this document are reflecting the information available at the time of going to print and meant for informational purpose only. Herz Armaturen reserves the right to modify and change products as well as its technical specifications and/or it function according to technological progress and requirements. All diagrams are indicative in nature and do not to be complete. It is understood that all images of Herz products are symbolic representations and therefore may visually differ from the actual product.
Colours may differ due to printing technology used. In case of any further questions don't hesitate to contact your closest HERZ Branch-Office.

Installation

There is no sealing material needed, because the measuring valves are O-ring sealed. The installation is clockwise; the demounting is counter clockwise. **Maximum torque: 5 Nm**.
Keys for installation: key width 15 or key width16 (depending on the version).

Measuring

Double regulating valves must always be installed with a minimum of 10 pipe diameters of straight pipe, without intrusion, upstream of the orifice plate. Downstream of the valve a minimum of 5 pipe diameters of straight pipe are required.



A correction factor needs to be considered in installations with frost protection. The water-glycol mixture has a different viscosity than pure water, besides that it depends on the temperature. Therefore, when measurements are done with the flow computer a distorted value is displayed.

All specifications and information within this document are reflecting the information available at the time of going to print and meant for informational purpose only. Herz Armaturen reserves the right to modify and change products as well as its technical specifications and/or it function according to technological progress and requirements. All diagrams are indicative in nature and do not to be complete. It is understood that all images of Herz products are symbolic representations and therefore may visually differ from the actual product.
Colours may differ due to printing technology used. In case of any further questions don't hesitate to contact your closest HERZ Branch-Office.