

## CERTIFICATE OF COMPLIANCE WITH THE ORDER 2.1

According to EN 10204

The HERZ-Differential-Control Valves FIX VS-TS **4012 XX** (2x female thread) and **4212 XX** (2x male thread) are used in heating and cooling systems to stabilize the differential pressure in heating and cooling circuits, which ensures the independence of the consumer of dynamic fluctuations in the branching pipes.

The design of this valves presumes 4 valves integrated in one: differential pressure control valve, balancing valve, zone valve and shut-off valve.

### **MATERIAL:**

Body	Brass CC770S
Membran body	Brass CW602N
Pin	Stainless steel 1.4301
Spring	spring steel
Membran / Seals	EPDM
Protection cap	Plastic

### **CONTROL:**

Each delivery valve is tested to impermeability and the valve is permanently embossed with the test mark.

### **FUNCTION:**

Maximum operating temperature: 130°C

Minimum operating temperature: 2°C (water)

Minimum operating temperature: -20°C (frost protection)

Maximum operating pressure is 16 bar

Maximum differential pressure is 4 bar

Minimum differential pressure is DN15 LF 0,2 bar, DN15 LP 0,25 bar, DN15 HP 0,4 bar,  
DN20 LP 0,25 bar, DN20 HP 0,4 bar

The hot water purity is according to Austrian standard ÖNORM H 5195 and/or VDI specification 2035.

Technical data (adjustments, ...) according Herz standard sheet

The control of products (material, dimensional, and functional tests) during production is performed in accordance to the requirements of the EN ISO 9001:2015 certified Quality Management System.

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