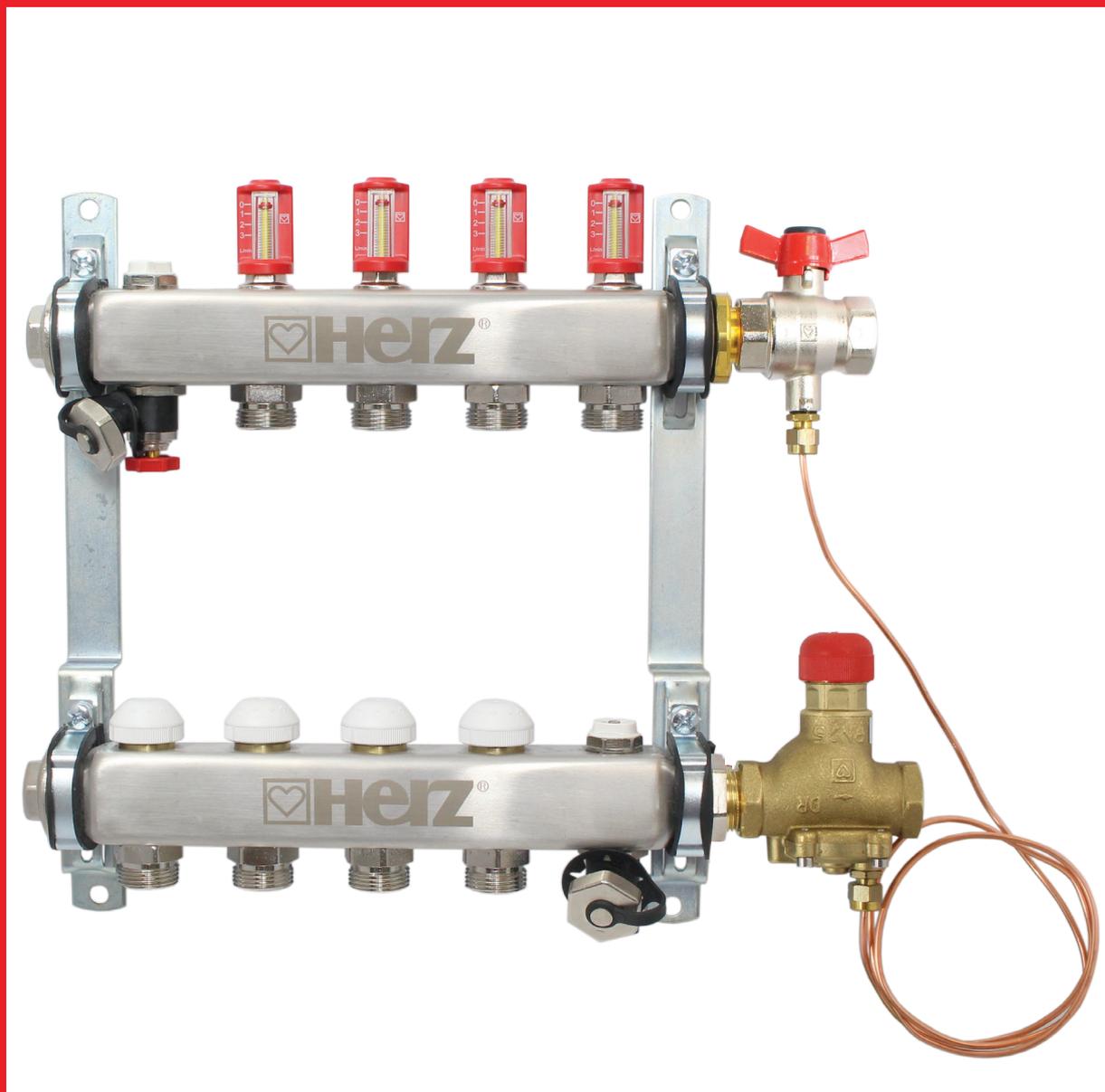


Dynamically controlled underfloor heating

Differential pressure controller 4012 VS-TS with integrated throttle, shut-off and zone valve



☑ Benefits

- ☑ 4 functions in one valve (differential pressure control, throttle, shut-off and zone valve function).
- ☑ Maintains constant differential pressure at the distributor and thus the constant flow in the heating circuits.
- ☑ The maximum flow rate at the distributor can be limited by means of the stroke limiter, which can be preset using the setting key 1 **4006 02**.
- ☑ The pressure relief for all dimensions enables the use of HERZ thermal or geared motors.
- ☑ The entire distributor can be shut off by the integrated zone valve with mount for thermal or geared motors.
- ☑ Alternatively, the supplied red shut-off cap can be used to shut off the zone valve manually.
- ☑ Short overall lengths simplify installation in distribution cabinets.
- ☑ The differential pressure control range is suitable for underfloor heating.
- ☑ An entire zone can be controlled with a room thermostat and a suitable actuator on the differential pressure controller for a cost-effective solution.
- ☑ With the same hydraulic control function differential pressure controller versus dynamic Thermostatic valves is much less sensitive against poor heating water quality.



☑ Series 4012/4212 VS-TS, HP

Compact design, dezincification resistant brass body, female thread or male thread with flat sealing.

max. operating pressure PN 25
max. operating temperature 130°C
(no steam)

Impulse line can be connected to shut-off valves **4115**, **4125** or line regulating valves **4017**, **4217** or strainer **4111** with enclosed connection nipple 1/8" to 1/4" (**0269**).

Impulse line can be connected to ball valve **2202** with connection nipple M 10 x 1 - 1/8" (**4007**).

Adjusting key for differential pressure controller (1 **4006 02**).

4012 VS-TS



☑ **HERZ differential pressure controller with integrated throttle and zone valve 4012 VS-TS**

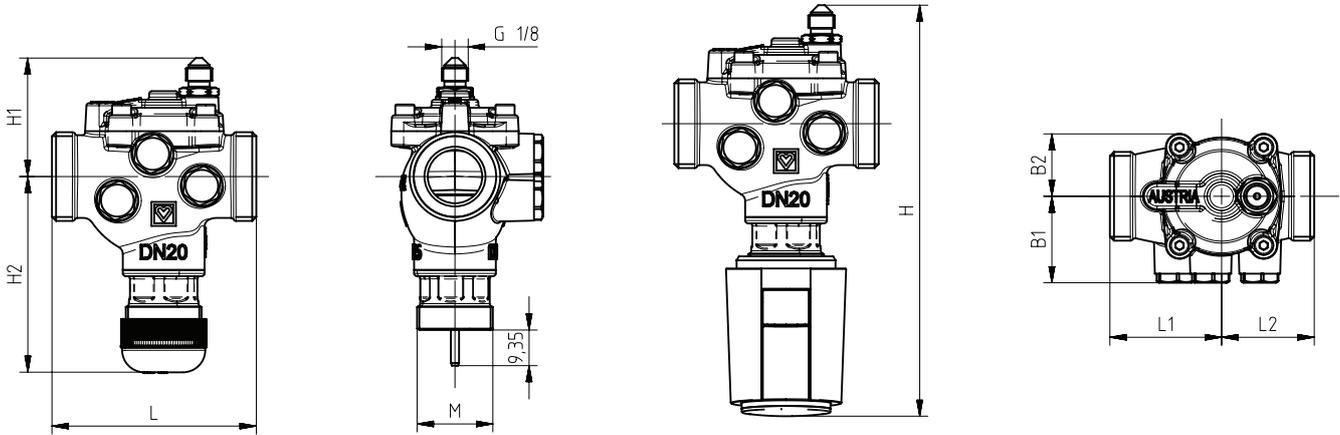
4212 VS-TS



☑ **HERZ differential pressure controller with integrated throttle and zone valve 4212 VS-TS**

I/h max.	Regulated differential pressure	DN	Connection thread		Order number
1900	35 kPa	15	G 3/4"	flat sealing	1 4012 41
2000		20	G 1"	flat sealing	1 4012 42
1900		15	Rp 1/2"	sleeve	1 4212 41
2000		20	Rp 3/4"	sleeve	1 4212 42

☑ Dimensions in mm



Order number	DN	L [mm]	H1 [mm]	H2 [mm]	H* [mm]	B1 [mm]	B2 [mm]	L1 [mm]	L2 [mm]	M [mm]
1 4012 41	15	75	45	74	154	33	23	41	34	28 x 1,5
1 4012 42	20									
1 4212 41	15									
1 4212 42	20									

* with actuators 1 7708 XX, 1 7711 XX

Weil's ohne nicht geht

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