



Differential Pressure Controller

F 4007

- ☑ Proportional controller
- ☑ Works without auxiliary power
- ☑ Cast iron valve body
- ☑ 3 setting ranges available:
from 10 to 40 kPa, 20 to 80 kPa
or 50 to 150 kPa



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HERZ-Differential Pressure Controller

Proportional controller straight model without auxiliary power.

Function

The desired target differential pressure value can be set continuously between 10 and 40 kPa, 20 and 80 kPa or, 50 and 150 kPa depending on the spring range. The required target value is set by turning the adjusting screw.

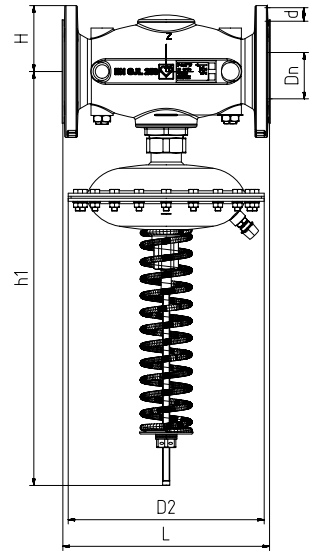
Field of application

For heating and cooling systems to maintain a constant differential pressure within the controlled range.

Installed in the return

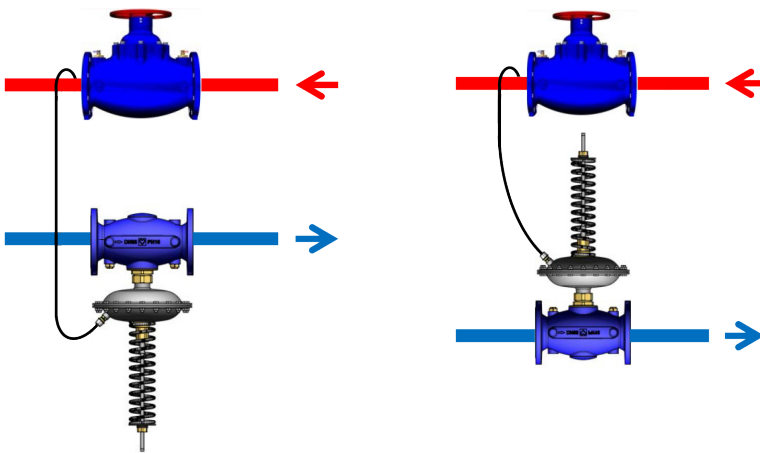
The DP controller is installed in the return and connected to the flow via a capillary. The capillary in the supply line should not be connected from below in order to avoid blockages due to particles of dirt.

	F 4007 26	F 4007 07	F 4007 17	F 4007 27	F 4007 08	F 4007 18	F 4007 38	F 4007 28	F 4007 09	F 4007 19	F 4007 29	F 4007 20	F 4007 30	F 4007 21	F 4007 31		
DN	50	65		80				100		125		150					
L (mm)	230	290		310				350		400		480					
h1 (mm)	566	581	567	603	588	603	588	603	588	727	721						
H (mm)	82	93		113				112		181		185					
d (mm)	19	19		19				19		19		23					
D2 (mm)	156	275	156	275	156	275	156	275	156	275	156	275	275	275			
dp setting range (kPa)	50-150	10-40	20-80	50-150	10-40	20-80	20-80	50-150	10-40	20-80	50-150	20-80	50-150	20-80	50-150		



Water purity in accordance with the ÖNORM H 5195 and VDI 2035 standards. Ethylene and propylene glycol can be mixed with water to a ratio of 25 - 50 vol. [%].

Installation position



F 4007	
operating pressure	max. 16 bar
test pressure	25 bar
max. differential pressure on the valve body	4 bar
min. operating temperature	+2°C (pure water) -10°C (frost protection)
max. permissible operating temperature	110°C