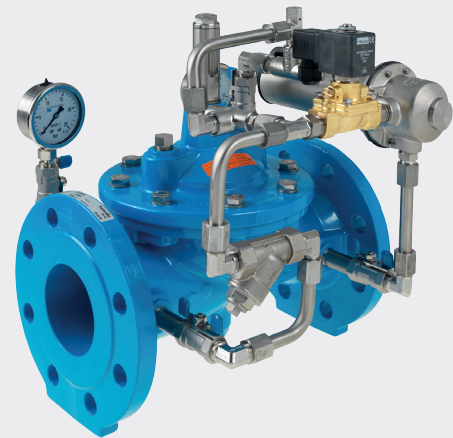
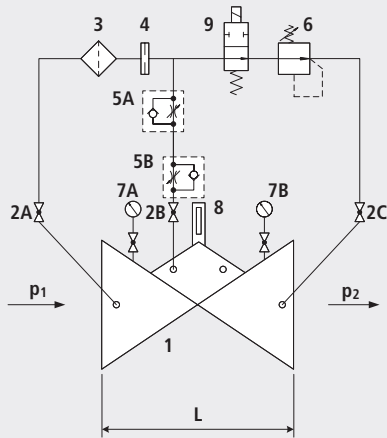


Pressure reducing valve for electrical control - open without current

1504



Components

- 1: Main valve
- 2: Ball valve (A, B, C)
- 3: Filter
- 4: Orifice
- 5: Throttle check valve (A, B)
- 6: Control valve
- 7: Manometer with ball valve (A, B)
- 8: Optical position indicator (optional: Electrical position indicator, opening limiter)
- 9: Electric solenoid valve

Application

- To use in drinking water systems (other media after consultation)
- Reduction in pressure for a network feed with a reservoir as the water level control
- Controlled emergency feed into a second network (network connections)
- In combination with an orifice plate for filling the reservoir

Mode of operation

- The pressure-reducing valve for electrical actuation decreases a variable inlet pressure to a constant outlet pressure when the solenoid valve is de-energized. If the solenoid valve is energized, the valve is closed. Fluctuating inlet pressure and flow do not have any effect on the regulated outlet pressure. The outlet pressure can be adjusted within a range of 1,5 to 12 bar (standard edition). The speed of opening and closing can be set separately from each other.

Product information

- To calculate the dimensions of the valve please refer to the following information:
- Maximum and minimum inlet pressure (static and dynamic pressure ratios)
- Maximum and minimum flow rates
- Desired outlet pressure
- Possible requirement for extinguishing water
- Available line diameters and lengths
- Construction of the valve (straight or angle design)
- Voltage information for the solenoid valve
- For the calculation basis, information on the loss of pressure and the characteristic values of the valve, please refer to the end of Chapter E.

Installation and assembly

- Shut-off valves should be fitted on both sides of the valve and a dirt trap should be installed on the inlet side of the valve. Depending on the installation situation, a mounting/dismounting adapter and an aeration and ventilation system should be provided.

Artikel-Nr.	DN	PN	L	kg
1504007000	1 1/2"	16	210	11.000
1504008000	2"	16	210	11.000
1504040000	40	16	200	15.750
1504050000	50	16	230	16.250
1504065000	65	16	290	21.300
1504080000	80	16	310	27.400
1504080025	80	25	310	28.000
1504100000	100	16	350	35.400
1504125000	125	16	400	51.500
1504150000	150	16	480	76.000
1504200000	200	10	600	114.600
1504200016	200	16	600	114.600
1504250000	250	10/16	730	247.000
1504300000	300	10/16	850	356.000