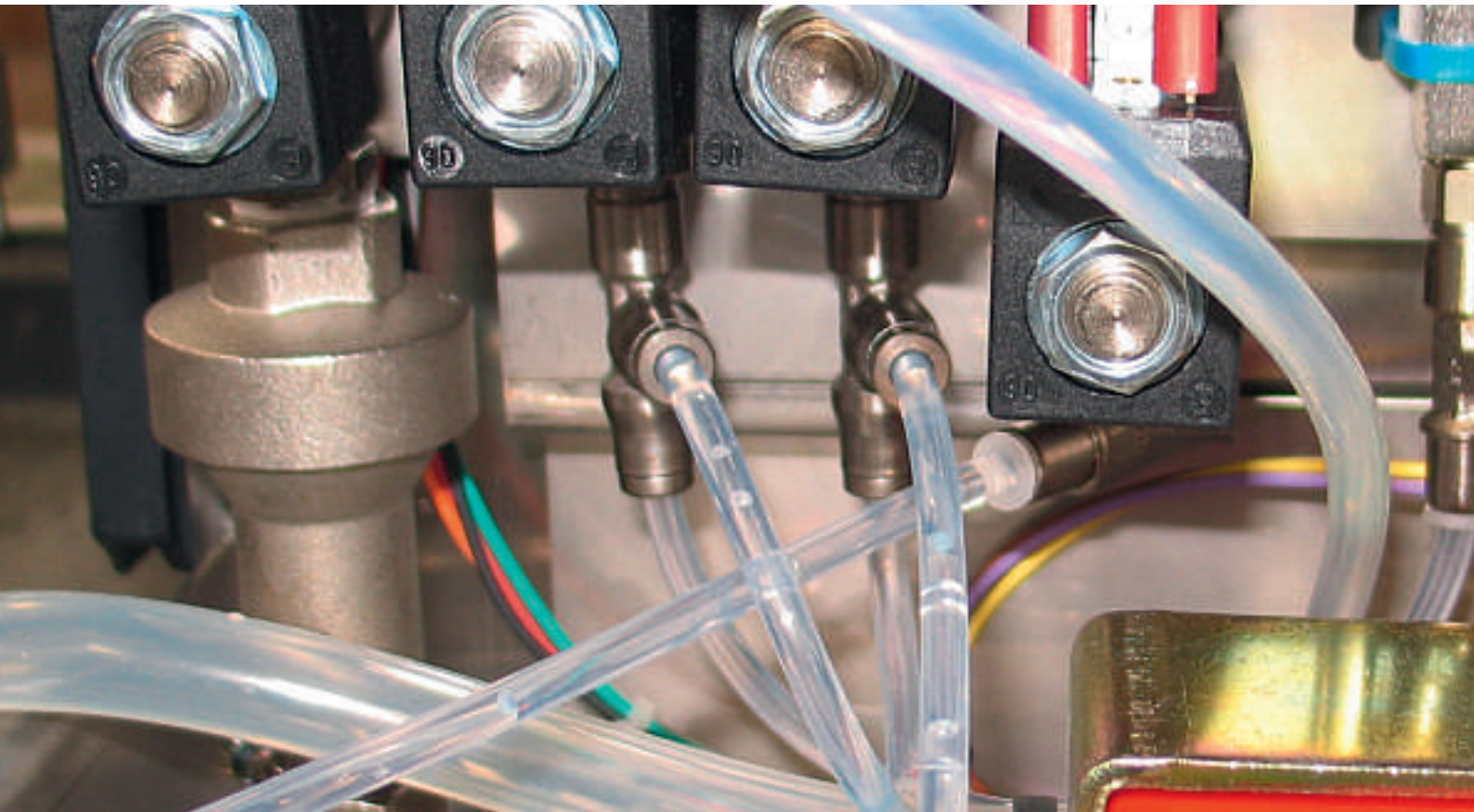


FluidReg®

In-line pre-set regulator for water and other fluids
also available on request for oxygen, nitrogen, N20 etc.



The FluidReg® is an independent diaphragm regulator that can be installed in every fluid- or compressed air pneumatic system. It supplies a constant, exact outlet pressure regardless of the input pressure. The pressure is factory-set and cannot be changed. This ensures that nobody can alter the specified pressure.

It is well known that the pressure of a water or fluid line normally is too high, fluctuates, and varies according to the height of the building. In that case the In-line FluidReg® protects all equipment and components placed after it, because thus they will only receive the correct pressure. This is particularly important for all machinery/plants for/or with dosing of liquids, as this will prevent stops in production. Furthermore if the FluidReg® is combined with a sprinkler nozzle, the best basis for cooling/cleaning by means of water spray or fog is created.



* TÜV PROOF 51257

FluidReg®

In-line pre-set regulator for water and other fluids
also available on request for oxygen, nitrogen, N20 etc.



Product Benefits:

- Reduces energy consumption
- Reliability
- Service free: no adjustment needed
- Competitively priced
- Tamper proof
- Lightweight – compact construction
- Easy to mount in any water supply system
- Extension by sprinkler equipment
- Increases tool service life

Applications:

- Coffee and soft drinks machines
- Filling machines
- Laboratory dosing equipment
- Pharmacies
- Food industry
- Irrigation systems etc.

Technical Data and Ordering Information



FluidReg®

Installation: The regulator ensures that a constant pressure is always maintained, despite the normal pressure fluctuations in a system. The regulator is intended for use with various fluids such as Oxygen or other media or with compressed air. To avoid unnecessary loss of pressure in long pipes or hoses, the regulator has to be mounted as close as possible to the point of consumption.

Medium: Water, oxygen, nitrogen, N20, compressed air etc.

Thread Connection	Outlet Pressure	Tolerances* (at 10 ltrs. Min)	Flow water	Flow gases	Dimensions (mm)		Weight Gram	Maximum Inlet Pressure	Temperature Range	Material	Order Code
			milli litres/Min At 10 bar/145 psig milli litres/Min. Δp:0,8 bar / 11.5 psig	Ltrs./min - scfm At 12 bar/174 psig Ltrs./Min. Δp:0,5 bar / 7 psig	A	Across Flat					
1/4" BSP FluidReg female-female											
BSP	1 bar	+/- 0,3 bar / 4.35 psig	3000	400 / 14,2	52	17	125	Water: 10 bar / 145 psig Other Gases 18 bar / 260 psig	Water: 4°C to 60°C (39°F to 140°F) Other Gases: 0°C to 60°C (32°F to 140°F)	Housing: Brass nickel plated Diaphragm: Nitril / FPM Spring: Stainless Steel Valve Seat: PPH	239A0210
1/4	1.5 bar	+/- 0,3 bar / 4.35 psig	3500	400 / 14,2							239A0215
1/4	2 bar	+/- 0,3 bar / 4.35 psig	4000	600 / 21.3							239A0220
1/4	2.5 bar	+/- 0,3 bar / 4.35 psig	4000	600 / 21.3							239A0225
1/4	3 bar	+/- 0,3 bar / 4.35 psig	4000	700 / 24.7							239A0230
1/4	3.5 bar	+/- 10%	4000	700 / 24.7							239A0235
1/4	4 bar	+/- 10%	4000	700 / 24.7							239A0240
1/4	4.5 bar	+/- 10%	4000	700 / 24.7							239A0245
1/4	5 bar	+/- 10%	4000	700 / 24.7							239A0250
1/4	5.5 bar	+/- 10%	4000	700 / 24.7							239A0255
1/4	6 bar	+/- 10%	4000	800 / 28.3							239A0260
1/4	6,5 bar	+/- 10%	4000	800 / 28.3							239A0265
1/4	7 bar	+/- 10%	4000	800 / 28.3							239A0270
1/4	8 bar	+/- 10%	4000	800 / 28.3							239A0280
1/4" NPT FluidReg female-female											
NPT	15 psig	+/- 0,3 bar / 4.35 psig	3000	400 / 14,2	52	17	125	Water: 10 bar / 145 psig Other Gases 18 bar / 260 psig	Water: 4°C to 60°C (39°F to 140°F) Other Gases: 0°C to 60°C (32°F to 140°F)	Housing: Brass nickel plated Diaphragm: Nitril / FPM Spring: Stainless Steel Valve Seat: PPH	239AS1215
1/4"	23 psig	+/- 0,3 bar / 4.35 psig	3500	400 / 14,2							239AS1223
1/4"	30 psig	+/- 0,3 bar / 4.35 psig	4000	600 / 21.3							239AS1230
1/4"	36 psig	+/- 0,3 bar / 4.35 psig	4000	600 / 21.3							239AS1236
1/4"	45 psig	+/- 0,3 bar / 4.35 psig	4000	700 / 24.7							239AS1245
1/4"	50 psig	+/- 10%	4000	700 / 24.7							239AS1250
1/4"	60 psig	+/- 10%	4000	700 / 24.7							239AS1260
1/4"	65 psig	+/- 10%	4000	700 / 24.7							239AS1265
1/4"	75 psig	+/- 10%	4000	700 / 24.7							239AS1275
1/4"	80 psig	+/- 10%	4000	700 / 24.7							239AS1280
1/4"	90 psig	+/- 10%	4000	800 / 28.3							239AS1290
1/4"	95 psig	+/- 10%	4000	800 / 28.3							239AS1295
1/4"	100 psig	+/- 10%	4000	800 / 28.3							239AS12100
1/4"	120 psig	+/- 10%	4000	800 / 28.3							239AS12120
On request:	Other pre-set pressures										

*Tolerances Test medium: Air, Pe = 6 bar/90 psig (at Pa <= 4 bar/60 psig), 10 NI/Min / 0,35 scfm
Test medium: Air, Pe = 10 bar/150 psig (at Pa >= 4 bar/60 psig), 10 NI/Min / 0,35 scfm

