

# Technical Data and Ordering Information



## EcoReg®

**Installation:** Fluid regulator made of Grivory® GV-5 FWA ideal for critical application areas such as drinking water, food industry, medical industry, etc. Conforms to the DIN 50930-6/FDA/EU drinking water directives and other regulations. The regulator ensures that a constant pressure is always maintained, despite the normal pressure fluctuations in a system. 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 and other fluids

Thread Connection	Outlet Pressure		Tolerances* (at 10 ltrs. Min)	Flow water milli litres/Min <i>Air 10 bar/145 psig milli litres/Min Δp:0,8 bar / 11.5 psig</i>	Flow gases Ltrs./min - scfm	Dimensions (mm)		Weight Gram	Maximum Inlet Pressure	Temperature Range	Material	Order Code		
						A	Across Flat					BSP	NPT	
BSP/NPT	bar	psig	1/4 BSP FluidReg female-female											
1/4	1.0 bar	15 psig	+/- 0.3 bar / 4.35 psig	3000	400 / 14.2	52	17	125	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: Grivory® Spindle: DIN 1.4404 / AISI 316L Diaphragm: Nitril / FPM Spring: DIN 1.4310 / AISI 301 Valve Seat: PPH	239K0210	239KS1215	
1/4	1.5 bar	23 psig	+/- 0.3 bar / 4.35 psig	3500	400 / 14.2							239K0215	239KS1223	
1/4	2.0 bar	30 psig	+/- 0.3 bar / 4.35 psig	4000	600 / 21.3							239K0220	239KS1230	
1/4	2.5 bar	35 psig	+/- 0.3 bar / 4.35 psig	4000	600 / 21.3							239K0225	239KS1235	
1/4	3.0 bar	45 psig	+/- 0.3 bar / 4.35 psig	4000	700 / 24.7							239K0230	239KS1245	
1/4	3.5 bar	50 psig	+/- 10%	4000	700 / 24.7							239K0235	239KS1250	
1/4	4.0 bar	60 psig	+/- 10%	4000	700 / 24.7							239K0240	239KS1260	
1/4	4.5 bar	65 psig	+/- 10%	4000	700 / 24.7							239K0245	239KS1265	
1/4	5.0 bar	75 psig	+/- 10%	4000	700 / 24.7							239K0250	239KS1275	
1/4	5.5 bar	80 psig	+/- 10%	4000	700 / 24.7							239K0255	239KS1280	
1/4	6.0 bar	90 psig	+/- 10%	4000	800 / 28.3							239K0260	239KS1290	
1/4	6.5 bar	95 psig	+/- 10%	4000	800 / 28.3							239K0265	239KS1295	
1/4	7.0 bar	100 psig	+/- 10%	4000	800 / 28.3							239K0270	239KS12100	
1/4	8.0 bar	120 psig	+/- 10%	4000	800 / 28.3							239K0280	239KS12120	

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

