

Technical Data and Ordering Information



OxyReg

Installation: The oxygen regulator is made of Grivory® GV-5 FWA and stainless steel internal parts. This high quality materials are ideal for critical application areas such as respiratory and other medical equipment. 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: Oxygen and other non aggressive gases

Thread Connection	Outlet Pressure		Tolerances* (at 10 ltrs. Min)	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	400 / 14,2	52	17	40	Gases18 bar / 260 psig	Gases: 0 °C to 60°C (32°F to 140°F)	Housing: Grivory® Spindle: DIN 1.4404 / AISI 316L Diaphragm: FPM O-Ring: FPM Spring: DIN 1.4310 / AISI 301 Valve Seat: PPH / Santoprene	234KM0210	234KM1215
1/4	1.5 bar	23 psig	+/- 0,3 bar / 4.35 psig	400 / 14,2							234KM0215	234KM1223
1/4	2.0 bar	30 psig	+/- 0,3 bar / 4.35 psig	600 / 21.3							234KM0220	234KM1230
1/4	2.5 bar	35 psig	+/- 0,3 bar / 4.35 psig	600 / 21.3							234KM0225	234KM1235
1/4	3.0 bar	45 psig	+/- 0,3 bar / 4.35 psig	700 / 24.7							234KM0230	234KM1245
1/4	3.5 bar	50 psig	+/- 10%	700 / 24.7							234KM0235	234KM1250
1/4	4.0 bar	60 psig	+/- 10%	700 / 24.7							234KM0240	234KM1260
1/4	4.5 bar	65 psig	+/- 10%	700 / 24.7							234KM0245	234KM1265
1/4	5.0 bar	75 psig	+/- 10%	700 / 24.7							234KM0250	234KM1275
1/4	5.5 bar	80 psig	+/- 10%	700 / 24.7							234KM0255	234KM1280
1/4	6.0 bar	90 psig	+/- 10%	800 / 28.3							234KM0260	234KM1290
1/4	6,5 bar	95 psig	+/- 10%	800 / 28.3							234KM0265	234KM1295
1/4	7.0 bar	100 psig	+/- 10%	800 / 28.3							234KM0270	234KM12100
1/4	8.0 bar	120 psig	+/- 10%	800 / 28.3							234KM0280	234KM12120
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

