

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 | Gases 18 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

