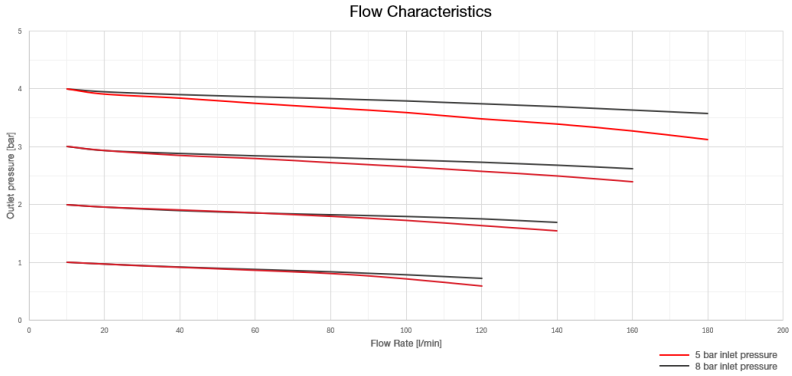
Pressure regulator 48.3 Pure Flow Line

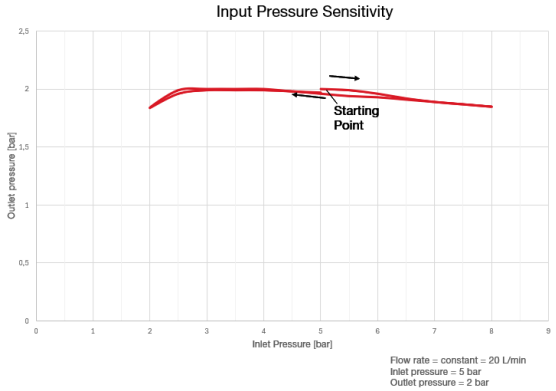
Reliable and Cost-Efficient pressure regulators for sensitive applications

Kendrion's Pure Flow 48.3 pressure regulators provide precise and reliable pressure control for low to medium flow rates. Thanks to its compact dimensions of 30 × 30 × 45 mm and flanged design, the pressure regulator is ideal for new applications and enables quick and easy integration into existing systems.

The pressure regulators in the Pure Flow Line are designed and manufactured in alignment with the strict requirements of ISO 15001, ISO 10993, and ISO 18562.

They are made of medically suitable materials and are manufactured under controlled conditions. This makes the Pure Flow 48.3 pressure regulators ideal for critical applications such as anesthesia and respiratory devices, dental technology, analytical instruments, dialysis machines, and oxygen concentrators.





Technical Data[1]	Pressure regulator type 48.3
Maximum inlet pressure	10 bar
Outlet pressure	0.2…1 bar 0.2…2.5 bar 0.2…5 bar
Pressure adjustment	Slotted, hex socket and torx (upon request)
Wetted materials	PA66, stainless steel
Sealing material	EPDM, FKM (others on request)
Medium	Non-aggressive media, inert gases, oxygen (others on request)
Connection type	Flange on base plate: 2 x Ø 3.2 mm
Operating temperature range	0 °C...+60 °C
Dimensions (L x W x H)	30 x 30 x 45 mm
Optional features	▪ Self-relieving function ▪ Fixed factory setting

[1]Subject to changes, omissions and errors with regard to the products. Illustrations similar. All rights reserved by the respective copyright holders