

High Pressure Electronic Regulator

Extremely fast and accurate, our Z-Regulator is a Proportional Electro-pneumatic Pressure Regulator. It converts a voltage or current input into a precise proportional pressure output. The Z-Regulator uses two valves working in unison to reach and maintain pressure.

The Z-Regulator can be used as a stand-alone product or incorporated into larger machines. It's also the only Regulator in it's class with failsafe protection against gaps in air supply, which will damage other Regulators.



SPECIFICATIONS

- ✓ **Pressure Range:** 0 - 1000 psi (68 bar)
- ✓ **Precision:** ± 0.2% Full Scale
- ✓ **Wetted Path:** Stainless Steel, Anodized Aluminum
- ✓ **Port Size:** Configurable 1/8" NPT
- ✓ **Operating Temperature:** 32 - 158°F (0 - 70°C)
- ✓ **Dimensions:** 4.3 x 2.2 x 1.3 in
- ✓ **Command Input:** Configurable 0 - 10 VDC; 0 - 5 VC, 4 - 20mA
- ✓ **Max Flow:** 20 SLPM @ 500 psi
- ✓ **Filtration:** 40 Micron Recommended
- ✓ **Response Time:** 50 - 250 ms
- ✓ **Power Req:** 24 ± 4 VDC @ 5W
- ✓ **Monitor Output:** 0 - 5 VDC
- ✓ **Minimum Volume:** 0
- ✓ **Body:** 6061 Aluminum

	High Pressure	Small Size	Robust Construction	Built-In Failsafes	0 Minimum Volume	High Precision
Z-Regulator	✓	✓	✓	✓	✓	✓

OTHER ZAXIS PRODUCTS



Z5/Z8
Benchtop
Leak Testers



Z1
Single Channel
Leak Tester



eVmP
Electronic Variable
Dispensing Pump