

Proportional Pressure Regulator

QKL-B1T+Pressure Ratio Regulator



- QKL-B1T Electronic Pressure Regulator

Provides an air pilot signal to the dome of the air volume booster. By controlling pressure to the top of the diaphragm, we control pressure out of the volume booster.

- Air Pressure Ratio Regulator

Also known as a dome-loaded or pilot-operated pressure regulator. This can be a pressure reducing valve or a back pressure valve. We have many volume boosters available that can handle different pressures, medias and flow rates.

Specifications

Type	Proportional Pressure Regulator QKL-B1T
Input Signal	4-20mA / 0-10V /RS485
Monitor Output	1-5V / 0-10V / 4-20mA
Power Supply	DC24V(≤4W)
Response	0.8S
Type	Air Pressure Ratio Regulator
Output Ratio	1:20
Model	QKL-BPF
Port (NPT)	G1/4"
Max. Supply Pressure(psi)	2500 psi
Max. Signal Pressure(psi)	75 psi
Max. Output Pressure(psi)	1500 psi
Hysteresis	0.5% F.S
Repeatability	1% F.S
Accuracy	1-2% F.S
Flow Coefficient CV	0.06

