

# 压力比例阀 Proportional Pressure Regulator

## QKL-B1T+Pressure Ratio Regulator



### 1、QKL-B1T 压力比例阀(Proportional Pressure Regulator)

在此 QKL-B1T 提供流量放大器引导信号的的压力。通过控制隔膜顶部的压力，我们可以控制流量放大器输出的压力。

### 2、压力放大器(Air Pressure Ratio Regulator)

亦称圆顶式或先导式压力放大器。它可以是调压阀或背压阀的应用。透过搭配流量放大器的使用，能解决压力比例阀对于气体或流体的限制，也能满足大流量及高分辨率的需求。

- 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.

## 产品规格 Specifications

系列 Type	压力比例阀 QKL-B1T Proportional Pressure Regulator QKL-B1T
输入讯号 Input Signal	4-20mA / 0-10V / RS485
监控信号 Monitor Output	1-5V / 0-10V / 4-20mA
工作电源 Power Supply	DC24V(≤4W)
响应时间 Response	0.8S
系列 Type	压力放大器 Air Pressure Ratio Regulator
比数 Output Ratio	1:20
型号 Model	QKL-BPF
牙口(NPT) Port	G1/4"
输入最大压力(psi) Max. Supply Pressure	2500 psi
最大引导压力(psi) Max. Signal Pressure	75 psi
最大输出压力(psi) Max. Output Pressure	1500 psi
迟滞 Hysteresis	0.5% F.S
重复精度 Repeatability	1% F.S
误差 Accuracy	1-2% F.S
CV 值 Flow Coefficient CV	0.06



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