

壓力比例閥 Proportional Pressure Regulator

QKL-B1T+Pressure Ratio Regulator



1、QKL-B1T 壓力比例閥(Proportional Pressure Regulator)

在此 QKL-B1T 提供流量放大器引導信號的壓力。通過控制隔膜頂部的壓力，我們可以控制流量放大器輸出的壓力。

2、壓力放大器(Air Pressure Ratio Regulator)

亦稱圓頂式或先導式壓力放大器。它可以是調壓閥或背壓閥的應用。透過搭配流量放大器的使用，能解決壓力比例閥對於氣體或流體的限制，也能滿足大流量及高解析度的需求。

- 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.

產品規格 Specifications

系列 Type	壓力比例閥 QKL-B1T Proportional Pressure Regulator QKL-B1T
輸入訊號 Input Signal	4-20mA / 0-10V / RS485
監控信號 Monitor Output	1-5V / 0-10V / 4-20mA
工作電源 Power Supply	DC24V(≤4W)
響應時間 Response	0.8S
系列 Type	壓力放大器 Air Pressure Ratio Regulator
比數 Output Ratio	1:20
型號 Model	QKL-BPF
牙口(NPT) Port	G1/4"
輸入最大壓力(psi) Max. Supply Pressure	2500 psi
最大引導壓力(psi) Max. Signal Pressure	75 psi
最大輸出壓力(psi) Max. Output Pressure	1500 psi
遲滯Hysteresis	0.5% F.S
重複精度 Repeatability	1% F.S
誤差 Accuracy	1-2% F.S
CV 值 Flow Coefficient CV	0.06



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