## iQ Electronic Pressure controller

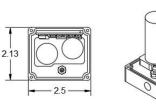


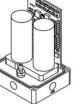
System perform	ance.
Linearity	<+1%
Accuracy	$<\pm1\%$ of Full scale
Repeatability	<0.5% of reading
Resolution	<25mV
Response Time	100ms
Turndown ratio	100:1
Pressure range	2-100psi
Max Inlet pressure	110psig
Electrical:	
Supply voltage	24-30VDC
Command signal	0-5V, 0-10V, 0-20mA
Electrical connector	8-pin D connector
Max current	300mA
Reverse Polarity	Yes
protection	105
Power Indicator	Yes
Mechanical:	105
Valve Type	Normally closed proportional
Sensor technology	Silicon Piezoresistive
Dimensions	4.2 x 2.5 x 2.13
Porting	1/8" NPT
Wetted materials	Valve: 200 series SS
Welley materials	300 series SS
	Manifold: Anodized Aluminum
Media	Air
Seals Material	FKM
Temperature Range	32-120°F[0-49°C]
Filtration	40 micron (recommended)
1 manufon	(recommended)

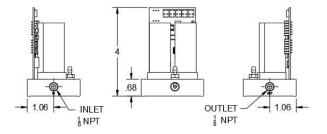
The iQ pressure Controller is designed for high precision and reliable performance in demanding applications. With a linearity and accuracy of  $<\pm1\%$  of full scale, it ensures consistent and accurate control. Repeatability is less than 0.5% of the reading, providing stable and reliable operation. The quick response time, under 100ms, allows for rapid adaptation to dynamic conditions. with an operating pressure range of 2-100 psig. It also features a turndown ratio of 100:1, ensuring precise control across a wide range of flow rates. The resolution is finer than 25mV, providing accurate readings. Operating on a supply voltage of 24-30V DC, this pressure controller is designed for seamless integration and offers flexibility in controlling various systems. Its robust features make it an ideal choice for precision and adaptability applications.

## **Features:**

- Quick, accurate, and reliable response
- Ideal for various industrial applications
- Exceptional precision for consistent performance
- High flexibility for diverse system control needs







www.iqvalves.com