



# iQ Mid Range

## Mid Flow Proportional Valve



The iQ Mid is a mid flow proportional valve in the iQ Valves family range. This valve is the result of multiple separate patented designs of iQ Valves that aims to simplify the designs of the standard PFCV valves to make it more cost effective and still be as efficient. The valve is designed to provide better control and resolution at medium flow ranges with a 0.125" orifice. The Mid is applicable to service a wide spectrum of applications where media isolation is not critical and is best suited for vacuum applications. A signal amplifier valve driver is also available to control the valve using a 0-5VDC, 0-10VDC or 4-20mA control signal.

### Features:

- Quick and accurate response as a result of the iQ Valves suspended plunger technology
- Ideal for vacuum application

Part Number	Orifice Size	Voltage	Power	Inlet NPT	Outlet NPT
209263	0.125"	12VDC	6 W	1/8"	1/8"

### General Valve Specification

<b>Function:</b>	2 Way Normally Closed
<b>Orifice Size:</b>	0.125 in.
<b>Hysteresis:</b>	<10 %
<b>Time Response:</b>	<20 msec.
<b>Pressure Range:</b>	Full Vacuum to 50 psi
<b>Seal Material:</b>	Nitrile
<b>Wetted Material:</b>	Brass & 400 Series SS
<b>Media:</b>	Gasses
<b>Voltage:</b>	12 VDC
<b>Lead Wires:</b>	22 AWG 12 in. Long
<b>Weight :</b>	18.4 oz.

### Typical Vacuum Flow Characteristics

