



# iQ Tesla Proportional Series

## Low to Medium Flow Proportional Valves



### Series:

iQ Tesla Proportional Solenoid Valve

### Valve Type:

2-Way, Normally Close

### Media:

Air, Gasses, and Fluids

### Elastomeric Seals:

FKM

Buna-N (Nitrile)

EPDM

### Orifice Sizes:

0.016" (0.406mm)

0.032" (0.813mm)

0.048" (1.250mm)

0.062" (1.575mm)

0.078" (1.981mm)

0.093" (2.362mm)

0.125" (3.175mm)

0.156" (3.962mm)

### Mounting (Ports):

Manifold Mount

1/8" NPT Ports

5/16"-24 Screw-On

### Voltage (Power):

12 & 24 VDC (3 W)

12 & 24 VDC (7 W)

### Leads:

Open Lead Wires

Molded Lead Wires

*\*Please contact iQ Valves for more options and customizable solutions*

The iQ Tesla Proportional Series are high performance proportional solenoid valves for pneumatic applications of varying media. The valve series is an economical alternative for the higher precision iQ Coral and Mini Series while still offering great resolution and reliable flow control. The compact and robust design allows for the iQ Tesla Proportional series valves to operate with air, gasses and fluids without being media isolated.

In addition, the iQ Tesla Proportional series are designed to be highly customizable for a wide range of applications and industries. Please contact iQ Valves for all of the different options to best fit your application.

### Features:

- Economical low to medium proportional flow valves
- Ideal for air and gasses applications
- Compact and robust design with a high mix for customizability
- A signal amplifier valve driver is available to control the valve using a 0-5VDC, 0-10VDC or 4-20mA control signal

### Typical Flow Characteristics

