6V 2-Position 3-Way Air Valve

DFR0866

Product Overview

11/03/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot DFR0866 6V 2-Position 3-Way Air Valve for Arduino is a practical valve for pneumatic systems, hydraulic systems, inflation equipment, or air compressing. This valve can be used to change the direction of the air outlet and also as a valve switch. The DFR0866 6V 2-position 3-way air valve features 6V operating voltage, 0.6W power, and 100mA ±10%mA rated current.
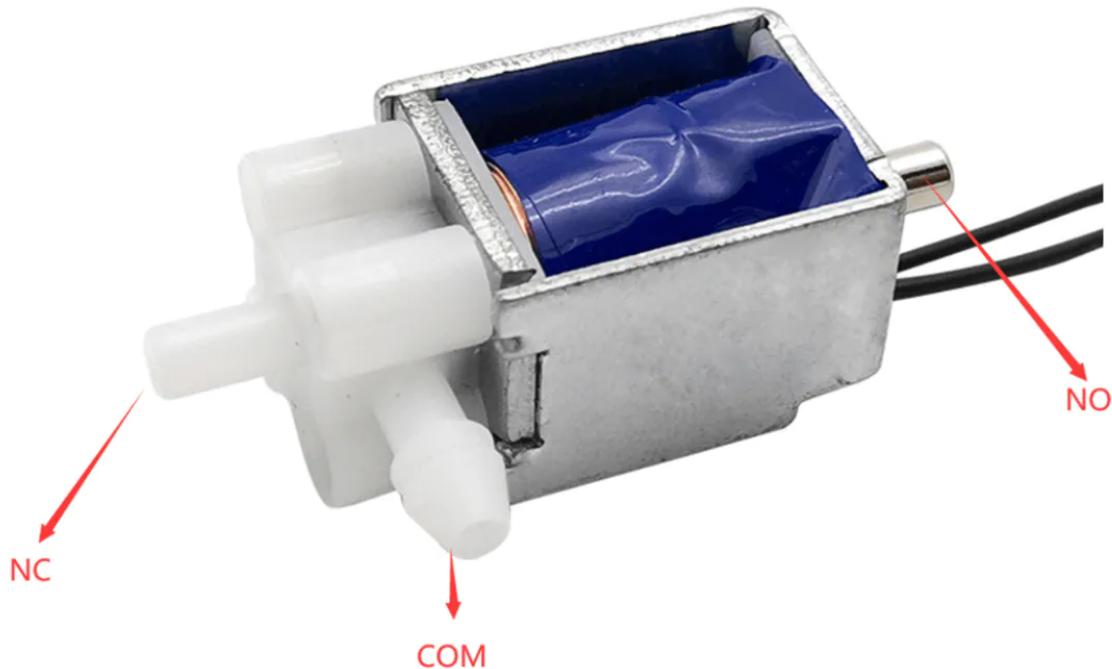
The DFR0866 6V 2-position 3-way air valve includes a Common interface (COM), a Normally Open interface (NO), and a Normally Closed interface (NC). The user can determine which interface is connected to the Common interface by powering the valve on and off.
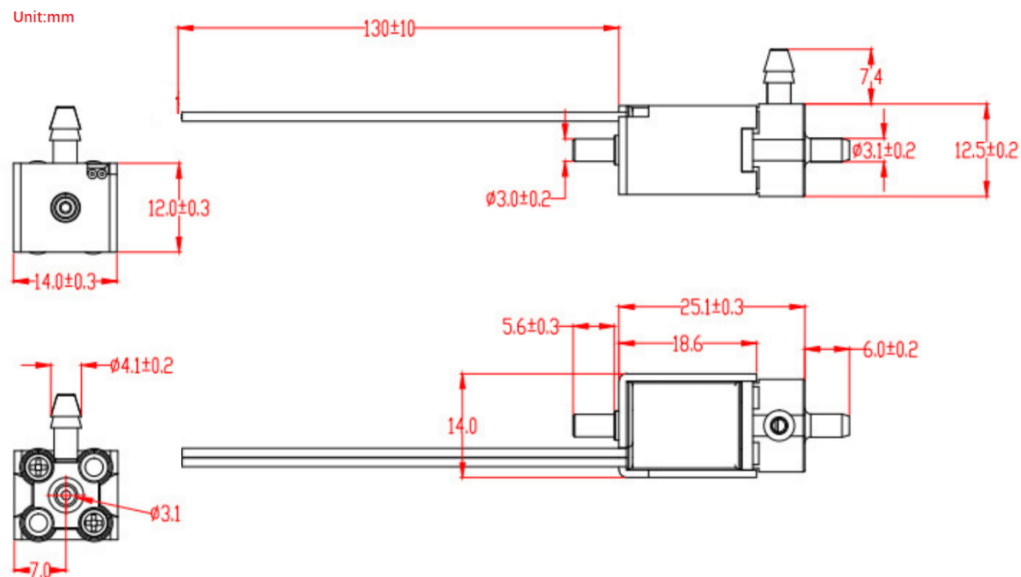
Specifications

- 6V operating voltage
- 100mA ±10%mA rated current
- 60%Ω ±10%Ω DC impedance
- 0.6W power
- Ø3.0mm/0.12" air nozzle diameter
- 40KPa (300mmHg) maximum pressure
- Medium:
    - Gas
- 15g weight

Valve Connections

NO

NC

COM

Dimensional Diagramv

Unit:mm

130±10

7.4

Ø3.1±0.2

12.5±0.2

Ø3.0±0.2

12.0±0.3

14.0±0.3

Ø4.1±0.2

25.1±0.3

5.6±0.3

18.6

6.0±0.2

14.0

Ø3.1

7.0

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-dfr0866-3-way-air-valve/