



2-WAY STEM VALVES



2-Way Stem Valves

2-way valves are the simplest pneumatic component – their function is merely to turn an air supply on or off. They may be

compared to a light switch; in the “ON” position elec-

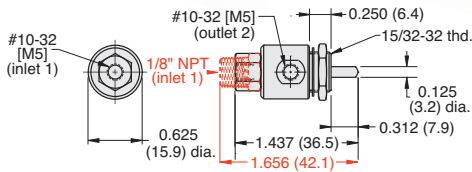
tricity flows from supply to the light, and in the “off” position the electrical current flow is stopped. 2-way stem valves may have a poppet or spool, and, by depressing the stem, a Normally-Closed (NC) valve is opened and a Normally-Open (NO) valve is closed. A variety of actuators may be attached to the valve such as roller cam followers, manual push buttons or pilot actuators; see the Valve Actuators section of this catalog.

Medium: Air, Water or Oil

Materials: Brass body, Buna-N seals, stainless steel stem and spring

Stem Travel: 1/8" (3.2)

Normally-Closed Poppet 2-Way Valves



Input Pressure: 300 psig/21 bar max.

Air Flow: 4.0 scfm @ 50 psig; 6.8 scfm @ 100 psig; 170 l/min @ 6 bar

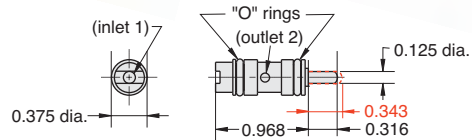
Force For Full Stem Travel: 24 oz. nominal

Mounting: 15/32-32 thread. Nut and lockwasher furnished.



Part No.	Description
MAV-2	2-Way Normally-Closed Valve, #10-32
MAV-2-M5	2-Way Normally-Closed Valve, M5
MAV-2P	2-Way Normally-Closed Valve, 1/8" NPT

Miniature Cartridge Valves



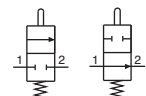
Input Pressure: 300 psig

Air Flow: 3.0 scfm @ 50 psig; 6.0 scfm @ 100 psig

Force For Full Stem Travel: 24 oz. nominal

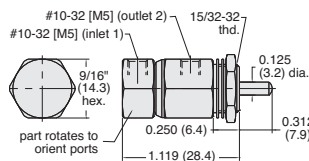
Mounting: Inserts into a 3/8" bore (0.375" ±0.001")

Note: See page 105 for mounting details



Part No.	Description
MAV-2C	2-Way Normally-Closed Cartridge Valve
MAVO-2C	2-Way Normally-Open Cartridge Valve

N.C. Poppet Valves with Rotatable Inlet



Input Pressure: 300 psig/21 bar max.

Air Flow: 4.0 scfm @ 50 psig; 6.8 scfm @ 100 psig; 170 l/min @ 6 bar

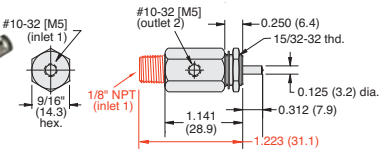
Force For Full Stem Travel: 24 oz. nominal

Mounting: 15/32-32 thread. Nut and lockwasher furnished.



Part No.	Description
MAV-2R	2-Way Poppet Valve with Rotatable Inlet, #10-32
MAV-2R-M5	2-Way Poppet Valve with Rotatable Inlet, M5

Normally-Open Spool Valves



Input Pressure: 150 psig/10 bar max.

Air Flow: 6.0 scfm @ 50 psig; 10 scfm @ 100 psig; 245 l/min @ 6 bar

Force For Full Stem Travel: 32 oz. nominal

Mounting: 15/32-32 thread. Nut and lockwasher furnished.



Part No.	Description
MAVO-2	2-Way Normally-Open Spool Valve, #10-32
MAVO-2-M5	2-Way Normally-Open Spool Valve, M5
MAVO-2P	2-Way Normally-Open Spool Valve, 1/8" NPT