



2-WAY STEM VALVES



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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 electricity 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.

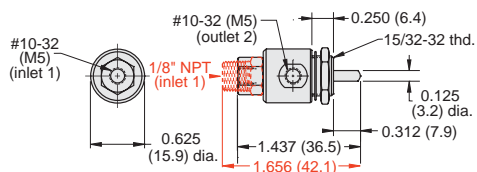
Medium: Air, Water or Oil

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

Stem Travel: 1/8" (3.2)

supply on or off. They may be compared to a light switch; in the “ON” position electricity flows from supply to the

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

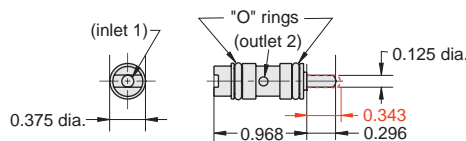
Force For Full Stem Travel: 24 oz. nominal

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



Part No.	Description
MAV-22-Way Normally-Closed Valve, #10-32
MAV-2-M52-Way Normally-Closed Valve, M5
MAV-2P2-Way Normally-Closed Valve, 1/8" NPT

Miniature Poppet Cartridge Valves



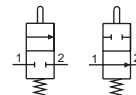
Input Pressure: 300 psig

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

Force For Full Stem Travel: 24 oz. nominal

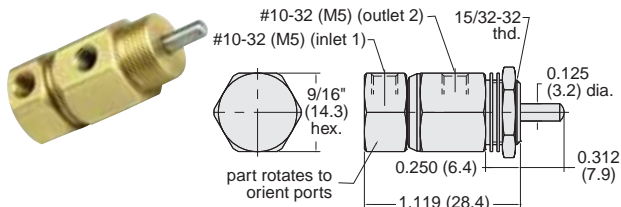
Mounting: Inserts into a 3/8" bore (0.375" ±0.001")

Note: See page 113 for retaining details



Part No.	Description
MAV-2C2-Way Normally-Closed Poppet Cartridge Valve
MAVO-2C2-Way Normally-Open Poppet 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

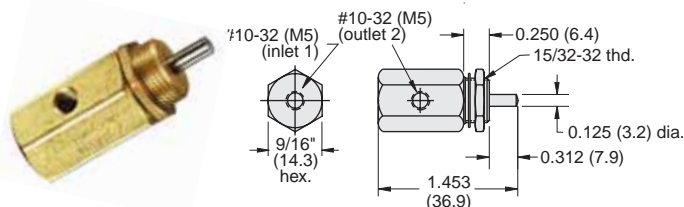
Force For Full Stem Travel: 24 oz. nominal

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



Part No.	Description
MAV-2R2-Way Poppet Valve with Rotatable Inlet, #10-32
MAV-2R-M52-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-22-Way Normally-Open Stem Valve, #10-32
MAVO-2-M52-Way Normally-Open Stem Valve, M5