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Contact Details

Kuhnke sales and service in North America

Ellis/Kuhnke Controls
132 Lewis Street
Unit A-2, Eatontown
NJ 07724
USA

T: (800) 221 0714
T: (732) 291 3334
F: (732) 291 8154

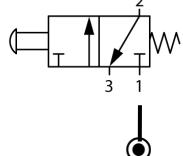
Important Note

The information shown in these documents is for guidance only. No liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper application of the parts, assemblies or equipment described.

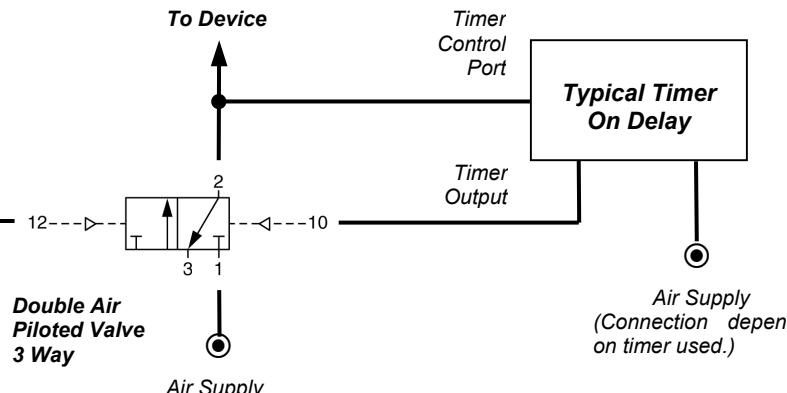
Timing Using a Momentary Start Signal

Pushbutton Valve 3 Way

(or other valve with momentary output signal shorter than set time delay).



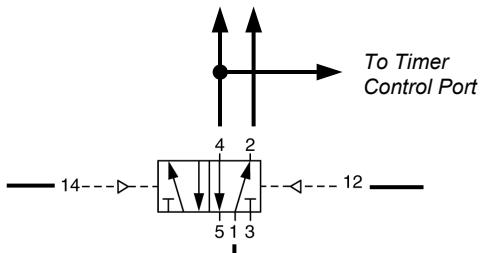
Air Supply



Air Supply
(Connection depends on timer used.)

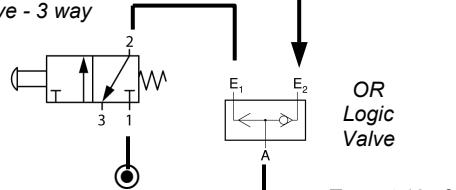
4 Way Double Air Pilot Valve

A 4 way double air pilot valve can be substituted when operating a double acting cylinder or for dual alternate outputs. Note output connections. All other connections same as the 3 way diagram.



Pushbutton Valve - 3 way

From output of timer



Optional Stop Button

A stop pushbutton can be added to the circuit if required. The stop button resets the air piloted valve. The start signal must be off to avoid conflicting signals at the air piloted valve.

A timing sequence can be established from a momentary pressure signal using an interposing pneumatically operated valve. The most common signal used is from a pushbutton, but inputs from limit switches, foot pedals or other devices can be used to initiate timing. The size of the air piloted valve determines the air volume output.

Operation

Pressing the pushbutton sends a signal to switch the air piloted valve on. The valve output is connected to the device to be controlled and to the timer control port. When the timer reaches its set time it sends a signal back to the air pilot valve resetting it, turning off the output to the device. The timer resets.

Typical Item Selection

Any on delay timer (consider length of time required and mounting preference).

Pushbutton 3 way (choice of color)- Cat. nos. 75022-62-21 (Red), -23 (Black) or -24 (Green).

Double air piloted valve 3 way- Cat. no. 75022-71-22 (1/8 Ports). For larger sizes of double air piloted valves use a 4 way valve and plug port 2 for 3 way operation. Connect device and timer control to port 4 of 4 way valve. Use Cat. nos. 75047-81-42 for 1/4 ports or 75067-81-42 for 1/2 ports.