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Contact Details

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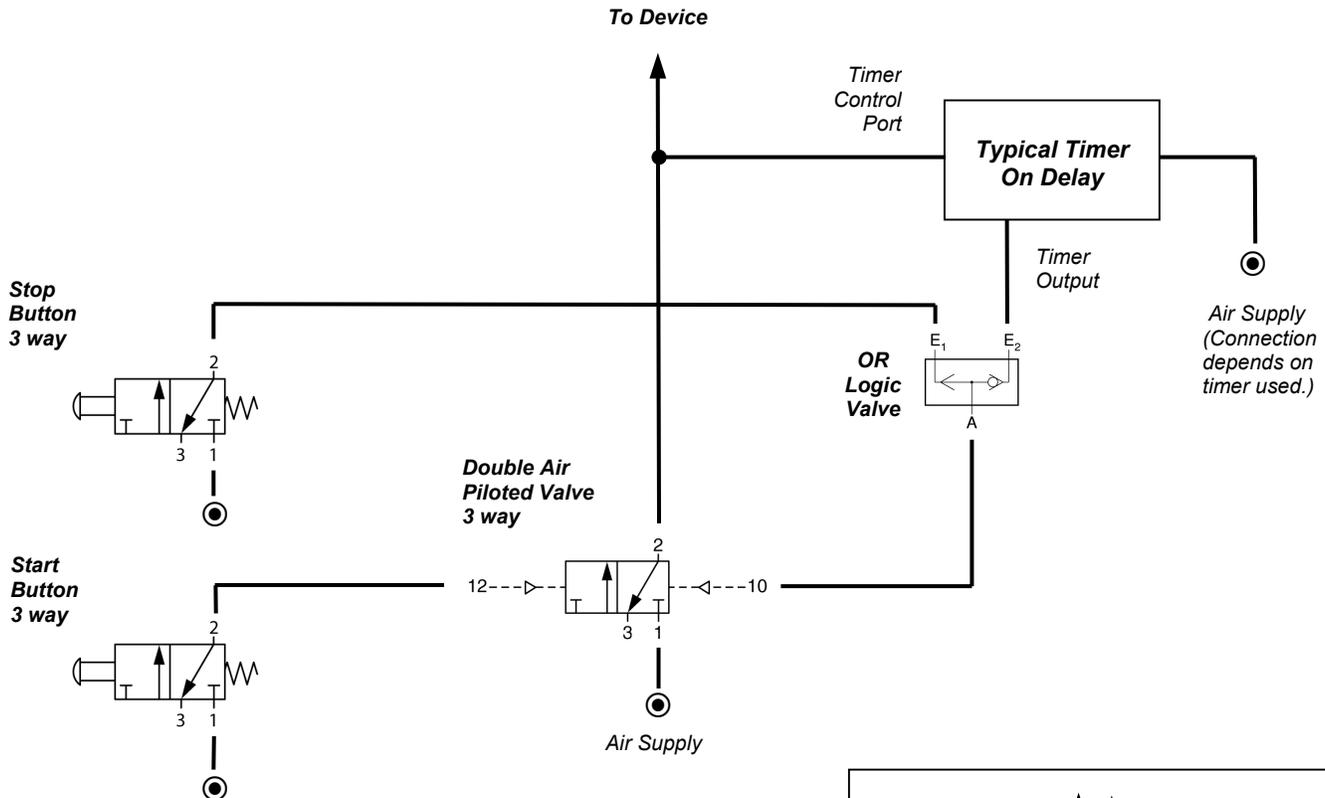
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Important Note

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 Start-Stop Pushbuttons



Separate start-stop pushbuttons can be used in conjunction with a double air piloted valve and an “or” logic valve to control a timing circuit if required. A wide selection of types and colors of pushbuttons is available to meet design requirements. The size of the air piloted valve determines the air volume output.

Operation

Pressing the start 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. To stop the timing (ie. emergency stop) press the stop button, which sends a signal via the “or” logic valve to reset the double air piloted valve.

Typical Item Selection

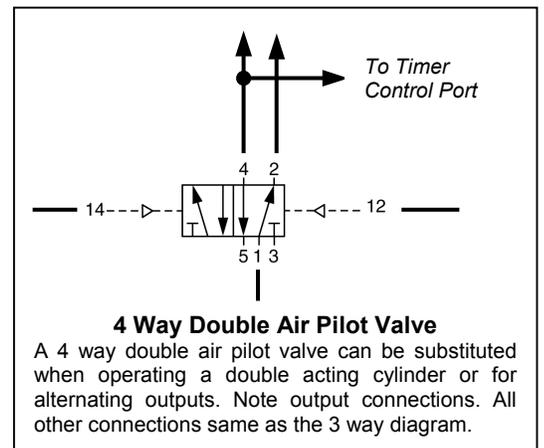
Any on delay timer (consider length of time required and mounting preference).

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.

Logic valve-“OR” cat. no. 47003.



4 Way Double Air Pilot Valve

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