



## Auto-Cycling of a Double-Acting Cylinder



**Size:** 2.75" x 4.25" x 3.25"

**Temperature:** 32 to 140°F

**Pressure Range:** 40 to 150 psig

**Use:** Similar to the VA-06, this is a more compact version designed for automatic cycling of double-acting cylinders without the use of limit valves or a magnetic sensor.

**Operation:** This circuit enables a double-acting cylinder to reciprocate without the use of limit valves and to control its speed in each direction. The two R-333 and R-453 valves also incorporate adjustable delay features that will control the time between retract and extend cycles.

Part No.	Description
VA-028	Auto-Cycling of a Double-Acting Cylinder

### Bill of Materials in Assembly

Qty.	Part No.	Description
1	<a href="#">R-333</a>	3-Way Modular Multi-Piloted Valve
1	<a href="#">R-453</a>	4-Way Modular Valve
1	<a href="#">TV-3S</a>	On-Off Toggle Valve
1	<a href="#">11675-05</a>	Fitting Adapter
1	<a href="#">CM-028-PQ</a>	Circuit Manifold
1	<a href="#">PQ-CC05N</a>	5/32" Male Connector Push-Quick Fitting
4'	<a href="#">URT1-0503-YLT</a>	5/32" O.D. Polyurethane Tubing, Yellow
10'	<a href="#">URT1-0805-GNT</a>	1/4" O.D. Polyurethane Tubing, Green

All components are also available for individual purchase

The [CM-028](#) subplate is available with 1/8" NPT and #10-32 threads

