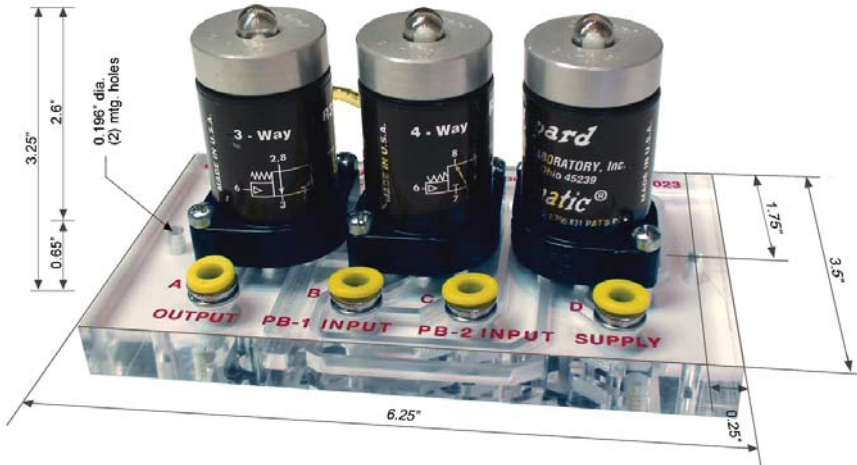


Two-Hand, No-Tie-Down (THNTD) Circuit



Size: 6.25" x 3.50" x 3.25"

Temperature: 32 to 140°F

Pressure Range: 50 to 120 psig

Use: The main function of this control is to require a machine operator to use both hands to actuate the equipment, helping to insure that the operator's hands are not in a position to be injured by the machine as it is in motion.

Operation: Clippard's Minimatic® VA-023 circuit module is a self-contained modular circuit board with all interconnections required to provide a Two-Hand, No-Tie-Down (THNTD) pneumatic circuit. Use of the VA-023 will assure simple and rapid installation of your Two-Hand, No-Tie-Down circuit.

Part No.	Description
VA-023	THNTD Circuit without Palm Buttons
VA-023-GN	THNTD Circuit with Green Palm Buttons
VA-023-RD	THNTD Circuit with Red Palm Buttons

Bill of Materials in Assembly

Qty.	Part No.	Description
1	R-315	3-Way Modular Multi-Piloted Valve
2	R-401	4-Way Modular Valve
1	CM-023-PQ	THNTD Circuit Manifold (Ports A, B, C & D are 1/4" O.D., Ports; E & F are 5/32" O.D. Push-Quick Fittings)
2*	PB-1-GN	Green Palm Button with (2) 1/4" Push-Quick Fittings
2*	PB-1-RD	Red Palm Button with (2) 1/4" Push-Quick Fittings
10'	URT1-0805-GNT	1/4" O.D. Polyurethane Tubing, Green
4"	URT1-0503-YLT	5/32" O.D. Polyurethane Tubing, Yellow
4*	PQ-UE08P	1/4" Universal Elbow Push-Quick Fitting
1	PQ-PG-05	5/32" Push-Quick Plug

* Comes with "-GN" and/or "-RD" options only

All components are also available for purchase

The [CM-023](#) subplate is available with 1/8" NPT ports on A, B, C & D, and #10-32 threads for Ports E & F



(2) Green Palm Buttons ([PB-1-GN](#)) are included with Part No. [VA-023-GN](#)

(2) Red Palm Buttons ([PB-1-RD](#)) are included with Part No. [VA-023-RD](#)

Limited Warranty

When properly used, this equipment meets ANSI B11.1-1971 and OSHA 1910.217 safety standards for Two-Hand, No-Tie-Down controls. It is the buyer's sole responsibility to determine proper application, location installation, use and maintenance of this equipment. This equipment performs the function of a Two-Hand, No-Tie-Down control only. All other prescribed safety devices must be used with this equipment. Seller shall not be responsible for any failure to so comply which results from the application, installation, location, operation, use or maintenance of this equipment or from alteration of the equipment by persons other than the seller, or from design or instruction furnished by the buyer or his agents. Seller's liability shall be limited to replacement or modification of the equipment to comply with OSHA standards or to refund the purchase price. Seller will be responsible for any fines, penalties or consequential damage. Clippard makes no other warranty of any kind, expressed or implied.