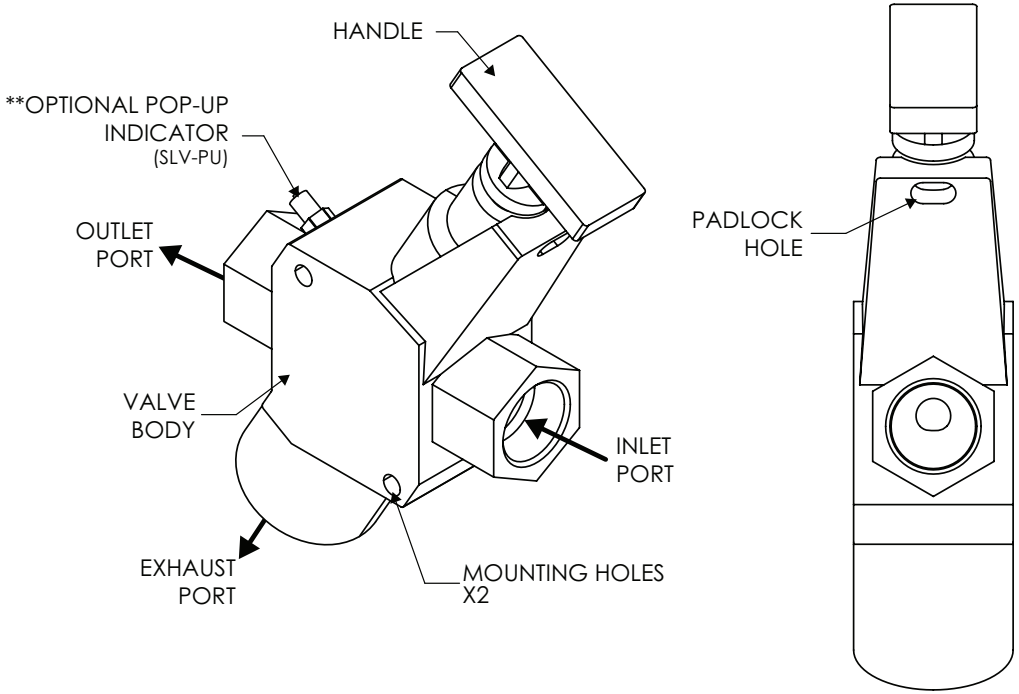
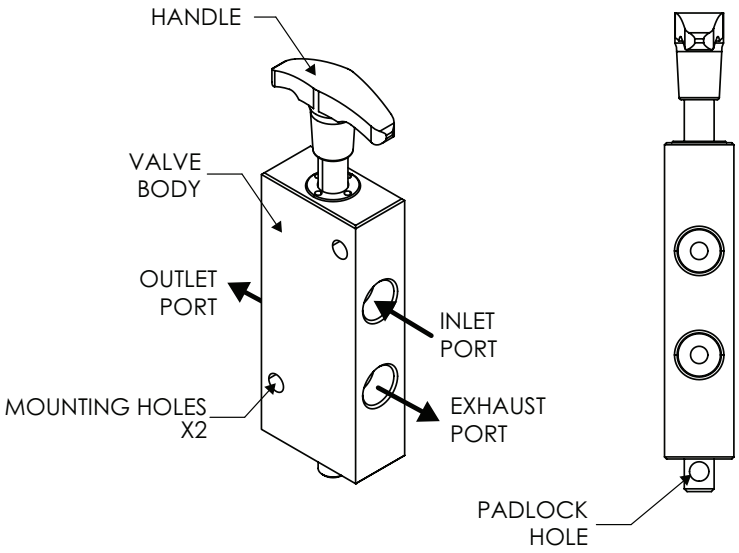
Manual Pneumatic Safety Lockout Valves (SLV Series)



**INDICATOR EXTENDED WHEN PRESSURE IS PRESENT BEYOND THE OUTLET PORT. TO VERIFY INDICATOR IS WORKING - USING FINGER, PUSH THE RED BUTTON. IF PRESSURE CAN BE FELT, THE INDICATOR IS WORKING.

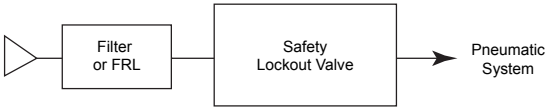


NITRA ISOLATION VALVE			
PART NUMBER	IN/ OUT PORT (NPT)	EXHAUST PORT (NPT)	MOUNTING HOLE DIAMETER IN [MM]
SLV-14N38N	1/4	3/8	0.30 [7.6]
SLV-38N38N	3/8	3/8	0.30 [7.6]
SLV-38N34N	3/8	3/4	0.34 [8.6]
SLV-12N34N	1/2	3/4	0.34 [8.6]
SLV-34N34N	3/4	3/4	0.34 [8.6]
SLV-34N114N	3/4	1-1/4	0.34 [8.6]
SLV-1N114N	1	1-1/4	0.34 [8.6]

Installation

- Prior to installation it is recommended that the air lines to be connected to the valve be blown clean of any contaminants. Also, an air filter should be installed in the inlet line in close proximity to the valve.

Note: NITRA pneumatic safety lockout valves are for use as energy isolation devices and are not to be considered Emergency Stop Devices. They should be installed only by qualified personnel and can be installed in the main line or branch line of an air system as shown in the illustration below:

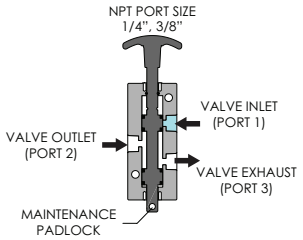


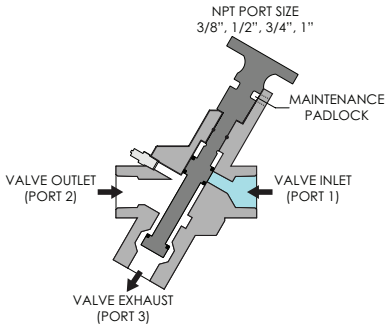
Operation

Closed: Pushing the red handle inward will block the flow of supply air to the outlet port while allowing air flow from the outlet to the exhaust port. To prevent the handle from being pulled outward and causing injury during maintenance the valve can be locked using the padlock holes shown in the Illustration.

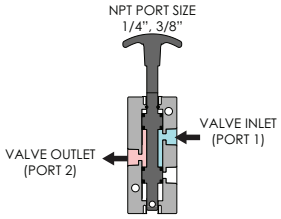
Open: Pulling the red handle outward will cause the supply air to flow freely from the inlet to the outlet. There is a detent that will aid in keeping the handle in the open position. So that the handle is always ready for shutoff, the handle is not designed to be locked in the open position.

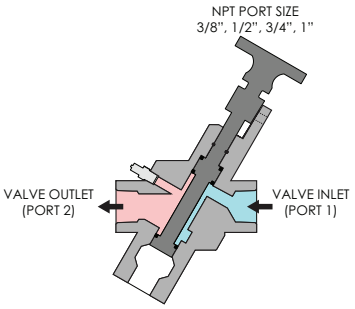
ISOLATION VALVE CLOSED





ISOLATION VALVE OPEN





Notes:

- Prior to servicing the valve all supplied air should be shut off so as to ensure the pneumatic system is exhausted and locked out (ref: OSHA 1910.147, EN 1037).
- Only qualified technicians should service NITRA valves and components. Every installation should be checked and maintained on a regular basis to ensure proper safety and operation.
- All installation instructions should be reviewed and saved prior to the use of any pneumatic system. Also any serviced or overhauled valves must be fully tested prior to installation and use.
- All NITRA products must be used within specification limits and only NITRA parts can be used. Failure to follow directions can result in injury or product damage.

Specifications

NITRA Pneumatic Safety Lockout Valves		
Temperature	40°F to 175°F (4°C to 80°C)	
Flow Media	Filtered air, 5 micron filter recommended	
Inlet Pressure	Model	Pressure
	SLV-14N38N	0 to 150 psig (0 to 10.3 bar)
	SLV-38N38N	
	All other models	0 to 300 psig (0 to 20.7 bar)
Standards*	OSHA 29 CFR 1910.147.CSA Z142-02 CSA Z460-05.ISO 13849-1 ISO 14118:2000. EN 1037 ANSI/ASSE Z244.1-2003.ANSI/PMMI B155.1-2006	
** All standards are subject to revision. Parties are encouraged to investigate and apply the most recent editions of the standards indicated*		