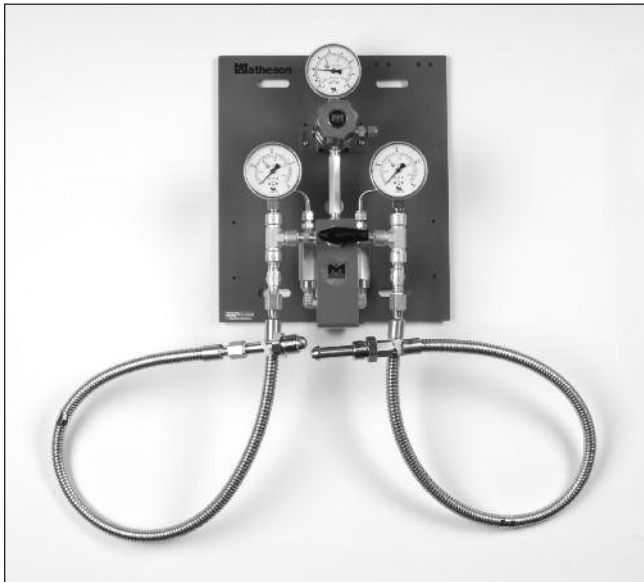


## SwitchPro™ Automatic Switchover Systems (LPX SwitchPro)



### Introduction

Matheson's SwitchPro™ AUTOMATIC Switchover Systems are designed to provide a continuous supply of gas from a cylinder or a bank of cylinders. The SwitchPro™ System safely minimizes repetitive cylinder changeout labor and offers a safe and efficient method of connecting multiple cylinders to a common gas supply line to provide centralized distribution of gas for both high and low purity delivery requirements. Utilizing SwitchPro™ Manifold Systems for the distribution of gas provides greater safety in the cylinder storage area by reducing repetitive cylinder handling and also minimizes the risk of ambient contamination within the gas delivery network.

### Applications

- Provide a continuous, uninterrupted supply of gas
- Control gas delivery from cylinders within a centralized distribution system providing safer and more efficient delivery of gas with the flexibility to address customized applications.

### Design Features

- Ideal for High (UHP 99.999%+) or Low Purity gas delivery – available in brass or 316 stainless steel materials.
- Provides automated switchover control and gas delivery from '2' or '4' cylinders (standard) or up to '10' cylinders (optional).
- Compact design minimizes wall space consumption.
- Switchover valve indicates cylinder (bank) priority.
- Maximum inlet pressure up to 400 psig.
- Design allows convenient access to all components.
- Cost effective to implement and install.
- Optional features allow customized system design for specific gas delivery applications.

### Standard Features

- Selector Valve
- 3 ft. Flex Hoses
- Integral Check Valves
- Inlet Pressure Gauges
- 1/4" Outlet Compression Fitting
- Painted Steel Back Plate
- Line Regulator (4-50 psig)

### Specifications

- |                                |                              |
|--------------------------------|------------------------------|
| • Switchover Panel Dimensions: | 12" W x 14" H                |
| • Wetted Components:           | Brass or 316 Stainless Steel |
| • Maximum Flow Rate:           | 68 slpm                      |
| • Minimum Inlet Pressure:      | 80 psig                      |
| • Maximum Inlet Pressure:      | 400 psig                     |
| • Switchover Pressure:         | 50-60 psig                   |

Matheson offers a complete line of LPX SwitchPro™ Automatic Switchover Systems. Our standard, most common features are listed above. However, if you don't see what you're looking for, contact a Matheson Tri-Gas customer service representative and ask to speak with your local equipment sales support specialist. They can help you configure a LPX SwitchPro™ System that meets your specific requirements.

### Options include:

- Up to ten Cylinders
- Rigid Pigtails
- 6 ft. Flex Hoses
- Cylinder Holders
- Certified Leak Test
- Auxiliary Gas Inlet Valve
- 1/8", 3/8" or 1/2" Outlet Compression Fitting
- NFPA Label
- Indicating Pressure Switches
- High Pressure Vent Valves
- Low or High Pressure Isolation Valves
- Manifold Piping with Station Valves



**272b** **SwitchPro™ Automatic Switchover Systems**  
**(LPX SwitchPro)** *(continued)*

Standard Gases	CGA	Material	No. of cylinders	Model Number
Propane and Propylene	510	Brass	2	<b>LPX3-B28C</b>
		Stainless Steel	2	<b>LPX4-B28C</b>
		Brass	4	<b>LPX3-B48CN</b>
		Stainless Steel	4	<b>LPX4-B48CN</b>
Nitrogen and Argon Dewars	580	Brass	2	<b>LPX3-B28T</b>
		Stainless Steel	2	<b>LPX4-B28T</b>
		Brass	4	<b>LPX3-B48TN</b>
		Stainless Steel	4	<b>LPX4-B48TN</b>
Carbon Dioxide Dewars	320	Brass	2	<b>LPX3-B28W</b>
		Stainless Steel	2	<b>LPX4-B28W</b>
		Brass	4	<b>LPX3-B48WN</b>
		Stainless Steel	4	<b>LPX4-B48WN</b>
Oxygen Dewars	540	Brass	2	<b>LPX3-B28P</b>
		Stainless Steel	2	<b>LPX4-B28P</b>
		Brass	4	<b>LPX3-B48PN</b>
		Stainless Steel	4	<b>LPX4-B48PN</b>
Nitrous Oxide Dewars	326	Brass	2	<b>LPX3-B28N</b>
		Stainless Steel	2	<b>LPX4-B28N</b>
		Brass	4	<b>LPX3-B48NN</b>
		Stainless Steel	4	<b>LPX4-B48NN</b>
Liquefied Gases (non corrosive)	660	Brass	2	<b>LPX3-B28H</b>
		Stainless Steel	2	<b>LPX4-B28H</b>
		Brass	4	<b>LPX3-B48HN</b>
		Stainless Steel	4	<b>LPX4-B48HN</b>