

Highest Pressure Signal Selector



243 Highest Pressure Signal Selector and Mounting Bracket.

Description

A dual input, single output logic device, the 243 Highest Pressure Signal Selector, is used in pneumatic control systems to compare pressure signals.

Features

- Selects the highest of two input signals
- Small, lightweight
- Mounting bracket provided

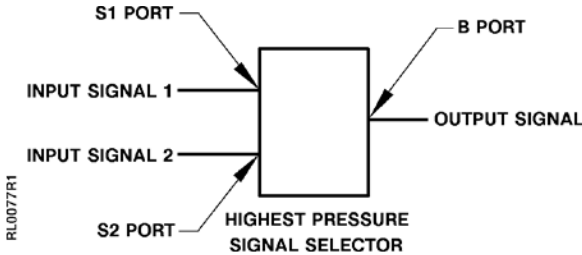
Applications

The 243 Highest Pressure Signal Selector is used where two proportional high capacity air signals (2-pipe thermostat) must be compared and the highest of the two signals transmitted to another logic or final control device.

Recommendation

Use 243-0019 selector to compare more than two inputs.

Typical Connections



| Input Signal 2 | Input Signal 1 | Output Signal |
|----------------|----------------|---------------|
| 3 psi | 15 psi | 15 psi |
| 15 psi | 3 psi | 15 psi |
| 9 psi | 9 psi | 9 psi |

G-27

Switches & Relays

243 Signal Selector Specifications

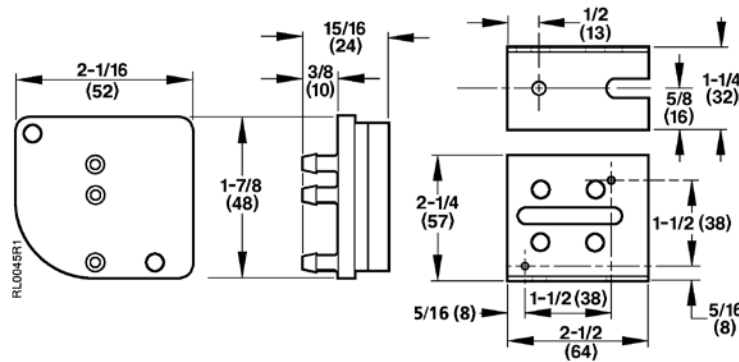
Action Direct
 Maximum Air Pressure 30 psi (207 kPa)
 Adjustments None
 Connections 1/4" (6 mm) OD polyethylene tubing

Operating Ambient Temperature
 Minimum 40°F (4°C)
 Maximum 140°F (60°C)
Air Consumption None
Air Capacity @ P = 2 psi 130 scim (35 ml/s)
Materials Glass-filled Nylon
Shipping Weight 0.25 lb. (0.10 kg)

243 Signal Selector Product Ordering

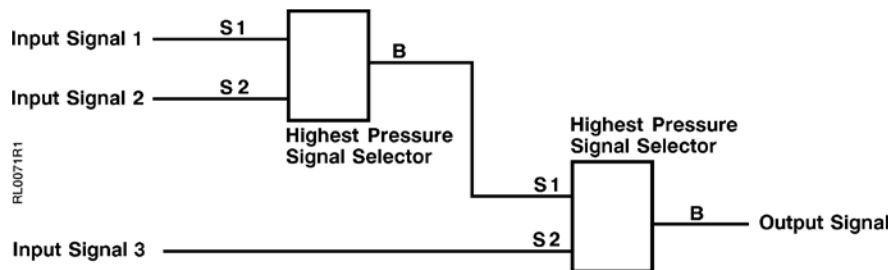
| Description | Part No. |
|--|----------|
| Highest Pressure Signal Selector | 243-0018 |
| If inoperative, replace the unit. | |

Dimensions and Engineering Drawings



Dimensions shown in inches (mm).

Highest of the Three Signal Pressures.



Single Fan Cooling Control from Two Zone Direct Acting Thermostats.

