

P-7100

# Pneumatic Electric Switch

## Description

The P-7100 Pneumatic Electric Switch is designed for use with a pneumatic controller is used to actuate an electric device.

Refer to *P-7100 Pneumatic Electric Switch Product Bulletin (LIT-7171540)* for important product information.

## Applications

- providing variations of the G-7185 Step Controller in electric heat applications
- situations requiring an electric device actuated by a pneumatic signal

## Selection Chart

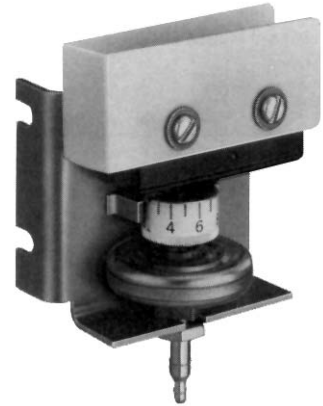
| Code Number | Description               |
|-------------|---------------------------|
| P-7100-1    | Pneumatic Electric Switch |

## Features

- UL Component recognized and CSA approved
- can be mounted in any position inside an approved electrical enclosure (as required)
- mounting bracket contains two mounting slots
- factory calibrated for a setpoint of 10 psig (70 kPa) but may be recalibrated if required

## Repair Information

If the P-7100 Pneumatic Electric Switch fails to operate within its specifications, replace the unit. For a replacement switch, contact the nearest Johnson Controls® representative.



**P-7100-1 Pneumatic Electric Switch**

## Technical Specifications

| P-7100 Pneumatic Electric Switch |  |
|----------------------------------|--|
| <b>Setpoint</b>                  | Fully Adjustable from 3 to 18 psig (21 to 126 kPa)<br>Factory Calibrated at 10 psig (70 kPa)   |
| <b>Switch Activation</b>         | When Pressure Reaches the Setpoint, the 20 Amp SPDT Switch Contacts Transfer   |
| <b>Switch Deactivation</b>       | When Pressure Decreases Approximately 2 psi (14 kPa) Below the Setpoint Value, the Switch Contacts Return to their Original Position |