

⚠ WARNING

To avoid unpredictable system behavior that can cause personal injury and property damage:

- Disconnect electrical supply (when necessary) before installation, servicing, or conversion.
- Disconnect air supply and depressurize all air lines connected to this product before installation, servicing, or conversion.
- Operate within the manufacturer's specified pressure, temperature, and other conditions listed in these instructions.
- Medium must be moisture-free if ambient temperature is below freezing.
- Service according to procedures listed in these instructions.
- Installation, service, and conversion of these products must be performed by knowledgeable personnel who understand how pneumatic products are to be applied.
- After installation, servicing, or conversion, air and electrical supplies (when necessary) should be connected and the product tested for proper function and leakage. If audible leakage is present, or the product does not operate properly, do not put into use.
- Warnings and specifications on the product should not be covered by paint, etc. If masking is not possible, contact your local representative for replacement labels.

Introduction

Follow these instructions when installing, operating, or servicing the product.

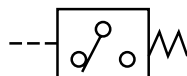
Application Limits

These products are intended for use in general purpose compressed air systems only.

Operating Inlet Pressure	kPa	PSIG	bar
All Styles Pressure Max.	2067	300	20
Adjustment Range	kPa	PSIG	bar
Flying Lead Pressure	172 / 689	25 / 100	1.7 / 6.8
DIN Connector Pressure	207 / 1034	30 / 150	2.1 / 10.3
(All shipped preset at 90 PSIG - 6.2 bar)			

Ambient Temperature Range -40°C to 80°C (-40°F to 180°F)

Symbol



Installation Instructions

1. The pressure switch should be installed with reasonable accessibility for service. Pipe joint compound should be applied sparingly, and only to the male threads, never to the female threads. Do not use PTFE tape to seal joints - pieces have a tendency to break off and lodge inside the unit, possibly causing malfunction.
2. Install pressure switch in gauge ports, manifold blocks, or any airline application. Mounting may be in any position.
3. Installing a filter upstream of the pressure switch will provide added protection against rust, pipe scale, and other foreign matter.

Operation

1. Description:

The pressure switch monitors air pressure and provides an electrical output when the pressure drops below or exceeds an adjustable preset pressure.

2. Adjustment:

Flying Lead

- A. Remove screw from top of switch.
- B. Using a 1/8" (3mm) hex wrench, turn the adjustment screw clockwise to increase set point or counterclockwise to decrease set point.
- C. Replace screw.

DIN Connector

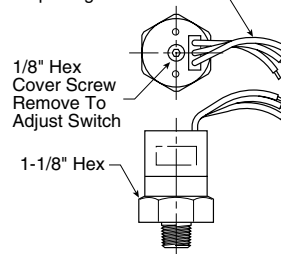
Using a 1/8" (3mm) hex wrench, turn the adjustment screw clockwise to increase set point or counterclockwise to decrease set point. One complete revolution of the adjusting screw covers the complete adjustment range.

Kits and Accessories

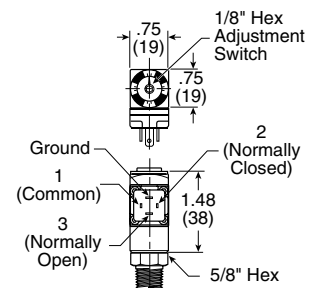
Bushing 1/4" to 3/8"	209P-6-4
Bushing 1/4" to 1/2"	209P-8-4

Wire Code:

- Red - Normally Open
- Green - Normally Closed
- Black - Common
- Wire Length = 18"
- Strip Length = 1/4"



Flying Lead



DIN Connector

⚠ WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from The Company, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application, including consequences of any failure and review the information concerning the product or systems in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by The Company and its subsidiaries at any time without notice.

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