

A miniature pressure switch with a high-quality snap-action microswitch. It is suitable for pneumatic, water, and any low-pressure hydraulic applications. It is field adjustable with an Allen screw.

## Features

- Factory set or field adjustable
- Compact size
- Cost effective

## Applications Include:

- Pneumatic system control
- Car washes
- Gate control
- Low pressure filter monitoring

## Technical Specifications

### Electrical

5A [12/24 VDC, 125 VAC] or 3A [250 VAC]

Gold Contacts

### Protection

**DIN 43650A (18 mm):** IP65

**Flying Lead:** IP64

*Other options available*

### Media Temperature Range

**Nitrile:** -29°C to 82°C

**Viton:** -5°C to 120°C

**HNBR:** -29°C to 120°C

**EPDM:** -29°C to 120°C

### Ambient Temperature Range:

-40°C to 82°C

### Mechanical Life Expectancy

1,000,000 Cycles @ 5.2 Bar

### Diaphragm Material:

**Standard:** Nitrile

**Optional:** Viton, EPDM

### Housing Material:

**Standard:** Brass

**Optional:** Stainless Steel

### Maximum Overpressure:

24 bar

### Repeatability

+/- 2% of full set point range at 20°C

### Differential

6-20% of setting

### Weight:

0.12kg

### Pressure Ranges:

**PS-L3:** 0.2 - 0.5 bar

**PS-L5:** 0.35 - 2 bar

**PS-L8:** 1.75 - 10 bar



**PS** - **XX** - **XX** - **C** - **XX** - **X** - **X** - **G** - **AN**

**Pressure Switch**

**Gold Contacts**

**Pressure Range**

0.2 - 0.5 bar	<b>L3</b>
0.35 - 2 bar	<b>L5</b>
1.75 - 10 bar	<b>L8</b>

**Diaphragm Material**

Nitrile (Standard)	<b>4</b>
Viton®	<b>1</b>
EPDM	<b>2</b>

\* Other options available upon request

**Port Size**

1/4" BSPP Male (Standard)	<b>4G</b>
1/8" NPT Male	<b>2M</b>
1/8" BSPP Male	<b>2G</b>
1/4" NPT Male	<b>4M</b>

\* Other options available upon request

**Body Material**

Brass (Standard)	<b>2</b>
Stainless Steel	<b>3</b>

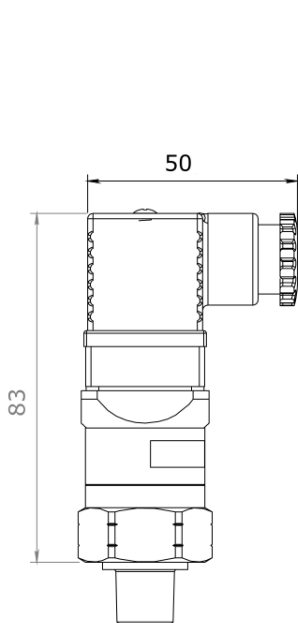
**Circuit**

Changeover (Single Pole Double Throw)	<b>C</b>
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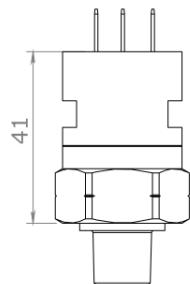
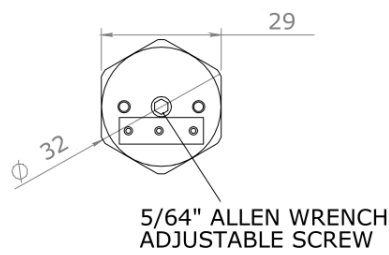
**Electrical Termination**

DIN 43650A	<b>HC</b>
Flying Leads 18"	<b>FL</b>

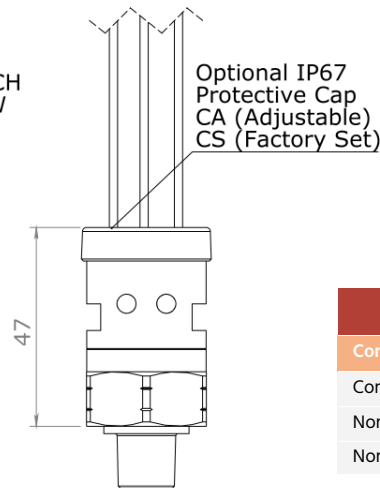
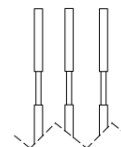
\* Other options available upon request



**HC**  
DIN 43650A



**SP**  
1/4" Spades



**FL**  
Flying Leads

**Wiring Code**

Contact	FL	HC
Common	<b>Black</b>	<b>Pin 1</b>
Normally Closed	<b>Blue</b>	<b>Pin 2</b>
Normally Open	<b>Red</b>	<b>Pin 3</b>