

Ideal for many hydraulic and pneumatic applications. It utilizes a proven piston/diaphragm design to provide excellent accuracy and high proof pressures with zero leakage

It is field adjustable with an Allen screw.

Features

- Snap action micro switch
- Factory set or field adjustable
- Wide adjustment range
- High proof pressures
- Cost effective

Applications Include:

- Hydraulic system control
- Material handling equipment
- Lubrication systems
- Garbage compactors

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 @ 69 Bar

Diaphragm Material:

Standard: Nitrile

Optional: Viton, EPDM

Housing Material:

Standard: Zinc Plated Steel

Optional: Stainless Steel

Maximum Overpressure:

620 bar

Repeatability

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

Differential

7-30% of setting

Weight:

0.17kg

Pressure Ranges:

PS-M2: 2-35 bar

PS-H2: 20-170 bar

PS-H7: 150-410 bar





Pressure Switch

Gold Contacts

Pressure Range

2-35 bar	M2
20-170 bar	H2
150-410 bar	H7

Diaphragm Material

Nitrile (Standard)	4
Viton®	1
EPDM	2

* Other options available upon request

Port Size

¼" BSPP Male (Standard)	4G
½" NPT Male	2M
⅜" BSPP Male	2G
¼" NPT Male	4M

* Other options available upon request

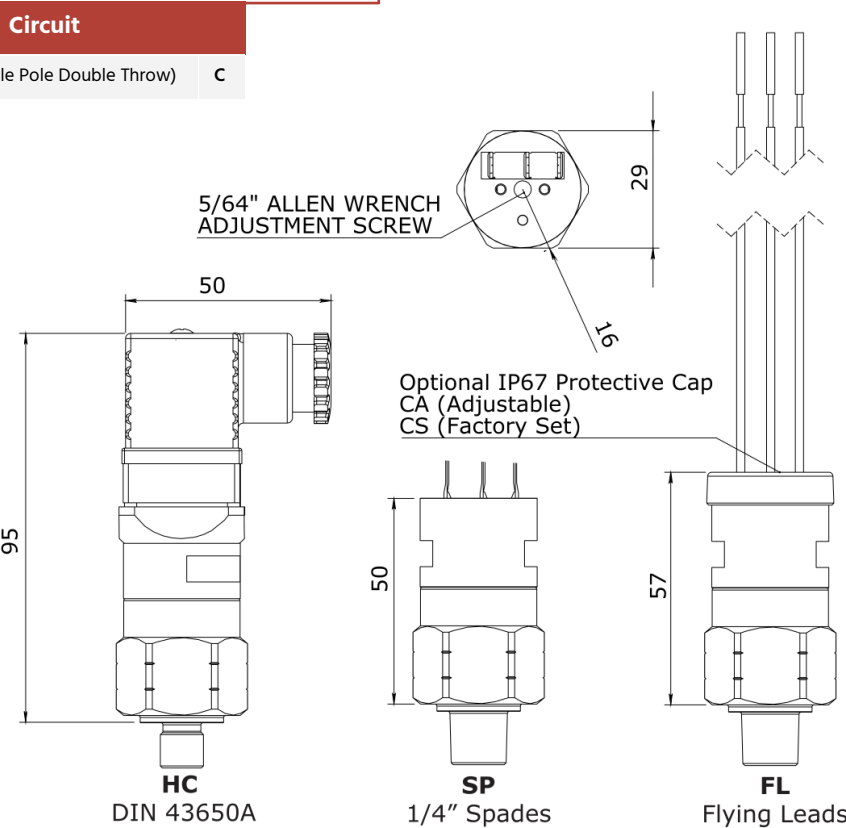
Body Material

Zinc Plated Steel (Standard)	1
Stainless Steel	3

Electrical Termination

DIN 43650A	HC
Flying Leads 18"	FL

* Other options available upon request



HC
DIN 43650A

SP
1/4" Spades

FL
Flying Leads

Wiring Code

Contact	FL	HC
Common	Black	Pin 1
Normally Closed	Blue	Pin 2
Normally Open	Red	Pin 3