

FEATURES

- Robust steel construction
- Can be mounted in any orientation
- 90 Cycles/min switching frequency
- Long mechanical life (10⁶ cycles at 70bar)
- 0.5A maximum load (at 250 VAC)
- Accuracy 4% of set pressure
- Wide temperature range -25° to +85°C
- Mechanical stops to protect the spring and Micro-switch from over pressurisation
- Wide adjustment range
- N/C or N/O contacts

RS PRO Pressure Switch, G 1/4 5bar to 50 bar

RS Stock No.: 297-0068



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted RS PRO brand, a series of double contact adjustable pressure switches designed for hydraulic and pneumatic applications. Designed to detect a rise or fall in fluid pressure, the robust switches provide an electrical signal once the set point pressure is reached. Pre-set pressure is adjusted by rotating a screw which is located in the centre of the switch head. Clockwise to increase the pressure and anti-clockwise to decrease the pressure.

General Specifications

Pressure Type	Positive Pressure
Output Type	NO/NC
Connection	G1/4
Type	Adjustable
Manufacturer Series	F4
Connection Thread Standard	G
Contact Operation	Normally Closed; Normally Open;
LED Indicator	No
Applications	Pumps, Compressed air systems, Machine tools, Process control equipment, Sensors, Hydraulics and Pneumatics, Valves and switches

Electrical Specifications

Voltage Rating	250V ac
Maximum Load	0.5Ampere at 250 Volt AC

Mechanical Specifications

Body	Robust steel construction
Switching Frequency	90 cycles/min
Connection Thread Size	1/4in
Maximum Pressure Setting	200bar
Pressure Setting Range	0bar to 200 bar
Minimum Pressure Setting	0bar
Switching Accuracy	Accuracy 4% of set pressure
Fixed Hysteresis	15% of set value

Operation Environment Specifications

Minimum Operating Pressure	5bar
Maximum Operating Pressure	50bar
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	85°C

Protection Category

IP Rating	IP65
Electric Protection	DIN43650

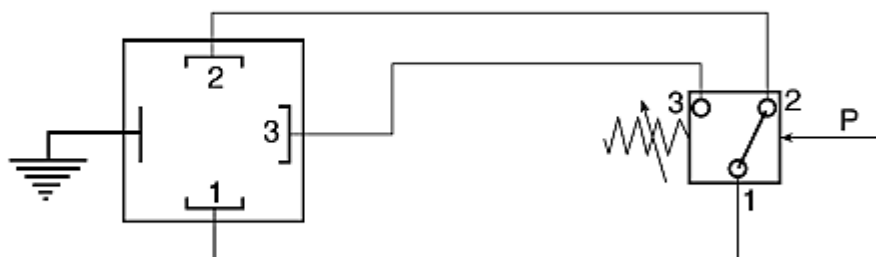
Approvals

Standard Met	RoHS Compliant
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Note

297-0052 does not include a mechanical stop and requires a 2mm allen key in order to adjust



Electrical Connection

