

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 250VAC)
- Accuracy 4% of set pressure
- Wide temperature range -25° to 85°C
- Wide adjustment range
- N/C or N/O contacts SPDT
- Electrical connectors DIN 43650 plug to IP65

RS PRO Pressure Switch, G 1/4 1bar to 12 bar

RS Stock No.: 297-0052



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	0.5 Ampere at 250 Volt AC

Mechanical Specifications

Body	Robust steel construction
Switching Frequency	90 cycles/min
Connection Thread Size	1/4in
Maximum Pressure Setting	12bar
Pressure Setting Range	0 to 250 bar
Minimum Pressure Setting	0bar
Switching Accuracy	4%
Mechanical Life	Long mechanical life (10 ⁶ cycles at 70bar)
Fixed Hysteresis	15% of set value

Operation Environment Specifications

Minimum Operating Pressure	1bar
Maximum Operating Pressure	12bar
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	85°C

Protection Category

IP Rating	IP65
Electric Protection	DIN 43650
Standard Met	RoHS Compliant

