

Datasheet

G 1/4 Pressure Switch, 10bar to 100 bar

RS Stock number 2970074



Features

“F4” adjustable pressure switches allow a micro-switch commutation once a preset pressure value is reached. Working on the central screw in the P2 execution or intercepting the regulator dowel put inside the instrument using a 2mm hexagonal screw, rotating the operating point in hourly sense to increase and vice-versa to decrease. Mechanical stops protect both the spring and the

micro-switch from over pressurization.

Technical features:

Body: 24 mm hexagonal in zinc-plated carbon steel

Assembly: in every position

Working temperature: from - 25°C to + 85°C

Switching frequency: 90 cycles/min

Switching accuracy: $\pm 4\%$ of the pressure settled to 20°C

Operating point: adjustable through an internal screw

Fixed hysteresis value:

- membrane execution ~ 10% of the settled value
- piston execution ~ 15% of the settled value

Weight: 0,05 Kg

Mechanical life: 106 cycles at 70 bar (1000 psi) at 20°C

Electric Features:

- Maximum load: 0.5 Ampère at 250 Volt AC (see dedicated page)
- Exchange contacts NO and NC
- Electric connection according to DIN 43650 for M2 and M3
- Electric protection according to DIN 40050:

IP65 for M2/M3 execution

IP54 for P2 and P3 execution