

Contact Gauges



Typical Applications

Contact Gauges are ideal in the applications which demands measurement and control of pressure by switching electrical contacts ON and OFF. This eliminates the need of separate switches for pumps and motors which gives audio or visual alarms. The small adjustable magnet mounted in the contact assembly, attracts the contact arm just before the set pressure value which prevent the common problem of arcing and burning of contact pins.

Standard Features

Nominal Sizes:

100 and 150mm

Accuracy Class:

±2.0% FSD

Over-Range Protection:

130% of FSD

Pressure Connection:

Bottom or Back

Threaded Entry

1/4", 1/2" BSP/NPT

Mounting:

Bottom or Back Mounting

Contact Details

Single Or Double Electrical Contacts

Contact Rating

Voltage: 250V max.

Rating: 30W (DC), 50 VA (AC),

Current Rating: 0.75 Amp max.

Set Point Adjustment

By means of removable key

Special Versions / Optional / Extras:

- + Other Pressure connections
- + 3-Hole surface mounting flange
- + With clamp or panel (Back Entry only)

**Bourdon Tube (Wetted Part) Material:**

Copper Alloy / SS 316

Pointer:

Aluminium/Spring Steel

Movement Material:

Copper Alloy / SS 304

Pressure Element:

Material: Copper Alloy/ SS 316

< 100kg/cm²: C Type

>100 kg/cm²: Coil Type

Window:

Clear Acrylic

Case Material:

SS Case OR Die Cast Aluminium

Bezel Ring:

Screwed/Pressfit

Dial:

White Aluminium with Black Markings

* Specifications may be modified without prior notice. Please contact & confirm before placing order

OPTIMUM ENGINEERING SERVICES

H. NO. 3-3-682/1, SHAHEED BHAGAT SINGH ROAD, Sindhi Colony,
Nanded, Maharashtra. PIN Code: 431601