

FP ULTRA LOW RANGE PRESSURE DIFFERENCE SWITCHES

Ultra Low Range Pressure Difference Switches with User Adjustable Knob



Salient Features

Easy to See, Easy to Use!

Set Point easily user adjustable with visible scale in Pascal. (no need of pressure gauge)

Enclosure

Robust Gravity Die Cast Aluminum

Long Lasting!

10⁶ switching operations

Trusted all over!

Tested and Proven

Technical Specifications

Media: Air, non-flammable gases and non-aggressive gases

Housing Material: IP 66 Gravity Die Cast Aluminium

Protection Category: IP66 with cover.

Ranges: 20 Pa to 4000 Pa

Maximum Working Pressure: 0.1 bar

Electrical Rating: Maximum 1.0A (.4 A) / 250VAC

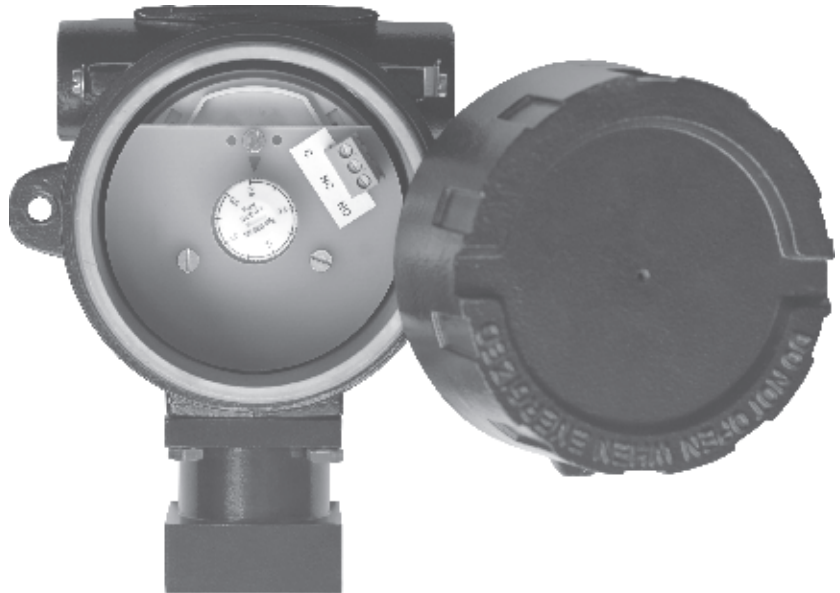
Electrical Connection: Standard Terminal Strip provided

Cable Entry: ½" NPT

High Pressure and Low Pressure Port: 1/8" BSP(F)

Media Temperature: 80°C max.

Ambient Temperature: -5°C to 60°C



Range Selection Table

Range Code (Orion)	Adjustment Range for Upper Switching Pressure Pa (mm wg)	Switching Differential Set to Pa (mm wg)
FP80	20-200 (2.039-20.395)	10 (1.020)
FP81	40 - 100 (4.079 - 10.197)	20 (2.039)
FP82	40 - 200 (4.0479 - 20.395)	20 (2.039)
FP83	50 - 500 (5.099 - 50.987)	20 (2.039)
FP85	200 - 1000 (20.395 - 101.974)	100 (10.197)
FP86	500 - 2500 (50.987 - 254.935)	150 (15.296)
FP87	1000 - 4000 (101.974 - 407.896)	250 (25.494)

How to order FP series Low Range Pressure Difference Switches

Please specify the Range Code e.g.. FP82 or FP85 as per range selection table.