

FAUZ MECHANICS

FAUZ MECHANICS make DS Series 'DIGISENSE™' Differential Pressure Gauge/Switch is ideal monitoring pressure in HVAC systems, clean rooms or for a wide range of other low pressure pneumatic systems. Differential and Absolute and Vacuum Pressure Switch has Measuring ranges from 0 to 10 mm wc to 250 mm wc



Features:

- High performance / low cost..... $\pm 0.5\%$ accuracy FS
- Bright easy to read LED display - clearly visible in both day and night lighting conditions
- Audio visual Alarm :(Green) confirms normal status, (Red) indicates abnormal condition.
- Multi-Functioning: Positive, Negative and Differential Measurement.
- Unit: mm Wc & Pa (Most commonly used in industry)
- Quick and easy panel mounting arrangement .

Specification:

Media compatibility	:	Air, non combustible, non corrosive gases
Supply Voltage	:	12 - 24 VDC
Accuracy	:	Ranges ≤ 10 mm Wc : 1.0% of F. S . Ranges ≥ 25 mm Wc : 0.5% of F. S .
Display	:	4 digit seven segment
Response Time	:	500 ms
Operating Temperature	:	10° to 60°C
Storage Temperature	:	-30° to +100° C
Pressure Limit	:	Ranges: ≤ 50 mm Wc : 9 PSI, 100 to 500 mm Wc : 19 PSI
Switch	:	Digital push button.
Housing Material	:	ABS
Electrical Connections	:	Screw terminals
Process Connection	:	Push on connection for 3/16" ID tubing
Weight	:	100 Gram.
Dimensions	:	80 Dia. X 35 mm depth

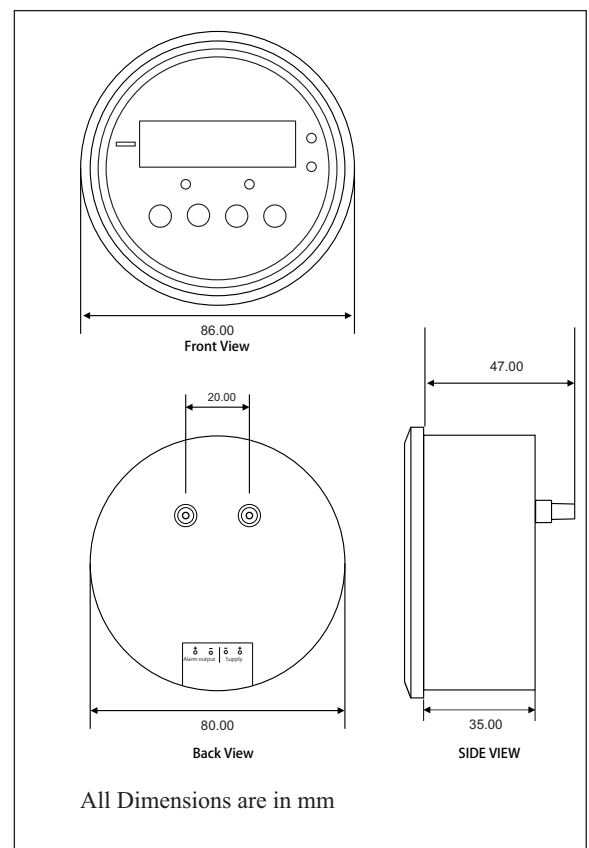
Range Selection:

DS	↑	Example :DS-01-102
Output Signals	↑	Range(mm wc)
00) None		101) 0 - 10
01) Alarm		102) 0 - 25
		103) 0 - 50
		104) 0 - 100
		105) 0 - 150
		106) 0 - 200
		107) 0 - 250

Applications:

- HVAC & Process Control
- Laminar Flow Bench
- Pass Box
- Clean Room Pressure
- Clean Room Equipment
- Filter Monitoring

Dimensional Drawing:



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