

Description :

Differential Pressure Indicators are Digital Readout Magnahelic Gauges suited for application in Laminar Air Flow Cabinets, Clean Rooms, Biosafety Cabinets, AHUs, etc.

Differential Pressure Indicators are part replacement for the Analog Magnahelic Gauges & are easy to use with clear 3 digit LED Display. It comes with built in sensor & also a buzzer alarm with acknowledgement facility for process violation alert.



Salient features include Unit Conversion at the press of a key between mm.W.C. & Pascals, integrated buzzer alarm for set point violation, Offset provision to meet Audit requirements , analog 4-20mA Output, 40 mm. Depth for Clean Room Modular Wall Fitment & RS 485 Modbus communication for BMS / SCADA/PLC integration.

Features :

Pressure Measuring Range	:	-10.0 to +10.0 mm.W.C./-25.0 to +25.0 mm.W.C. -50.0 to +50.0 mm.W.C./0.0 to +100.0 mm.W.C. -100 to +100 Pascals/-250 to +250 Pascals 0 to 10, 25, 50, 100, 200, 300, 500, 1000 Pascals (Any other range factory set as per customer specifications)
Maximum Over Pressure	:	2 Times the rated pressure
Display	:	Integrated 3 Digit Red LED 7 Segment Display 0.5" High
Sensor	:	Integrated High Speed Differential Pressure Sensor
Resolution	:	1 Pascals / 0.1 mm.W.C.
Power	:	24 Volts D.C. Typical, Optional 230VAC
Output (Optional)	:	4-20 mA Isolated
Medium	:	Air or Gases (Non Corrosive)
Accuracy	:	+/- 0.5% of Full Scale.
Alarms	:	Built in Buzzer Alarm for Process Violation Alert
Size	:	Instrument Enclosure is in 75x70x40 mm. (Wx Hx D) with Basic Imported Sensor
Connection	:	2 Nos. Hose Nipples of 4mm. Stainless Steel at the Back
Communication (Optional)	:	Isolated RS485 Modbus Protocol

Features :

Optional Features	:	1 or 2 Relay Output, MIN/MAX feature with Memory Reset
Construction	:	M.S. Powder Coated Body with Stainless Steel Front Flush Plate for Modular Wall Fitment/Panel/Equipment/LAF Fitment Optional Real Time Clock (HH:MM)

HOW TO ORDER

Basic Model :

DPFM

Output :

A

-	No Output	A	4-20mA
M	MODBUS RS485	E	Modbus over TCP/IP

Display Size :

5

5	0.5" Led Display	1	1" Led Display
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Power Supply :

24

24	24VDC	230	230VAC
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Sensor :

R

I	Internal Sensor	R	Remote Sensor
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Cable Length :

5

5	5 meters	10	10 meters
20	20 meters		

Diff. Pressure Range :

10

10	0 to 10	25	0 to 25
50	0 to 50	100	0 to 100

HOW TO ORDER

⚙️ Diff. Pressure Units :

MM

MM MM of Water Column

PA Pascal

⚙️ Shape :

Z Center Zero Scale

-

Standard Positive Scaling

Example: 50MMZ means -25 to 25 MM

⚙️ Shape :

C Circular

-

Rectangular (Standard)

⚙️ Real Time Clock :

RTC

- No RTC

RTC Synchronized RTC

Ordering Example: DPFM-A-5-24-R-5-10-MM-RTC



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