

Special Purpose Transmitters

Type DP-10

The WIKA DP-10 pressure transmitter is designed for the measurement of extremely low gauge and differential pressures of clean, dry, inert gaseous media. The transmitter uses a linear variable differential transformer (LVDT sensor) for exceptional sensitivity and performance at extremely low pressures. Applications for the DP-10 include HVAC draft flow control and monitoring, pollution control monitoring systems, dust collection systems, and medical equipment.

Datasheet: DP-10
Available on www.wika.com



Type DP-10

Special Purpose Transmitter
 Low Pressure Differential
 for Clean, Dry Inert Media
 0.2 inWC to 200 inWC



Type	DP-10
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Pressure Conn.	5.5 x 11mm hose barbs
Power Supply	19-30 VDC (12-30 VDC with 4-20 mA output signal)
Signal Output	0-10 V 3-wire
Elec. Conn.	Solderless screw terminal
0-0.2 inWC	4225058
0-0.5 inWC	8373856
0-1 inWC	
0-2 inWC	8360639
0-5 inWC	
0-10 inWC	
0-20 inWC	9738738
0-30 inWC	9737723
0-60 inWC	
0-100 inWC	
0-200 inWC	
800-1200 mbar absolute (for barometric pressure measurement)	

Special Order Options
Output Signals
4-20 mA 2-wire
4-20 mA 3-wire
0-20 mA 3-wire
-5 to +5 VDC 3-wire
Electrical
Built-in AC line adapter (110/220 VAC)
Local 3.5 digit LCD display
Local analog readout
Single alarm contact ¹
Dual alarm contacts ¹
Square root signal output
¹ available with 3-wire output signal only
Mechanical
10x overpressure protection
Increased accuracy to 0.5% (for ranges > 1 inWC only)
Increased accuracy 0.2% (for ranges > 40 inWC only)

NOTE: Ready-to-ship part numbers shown in **bold, blue** print.

Ready-to-ship part numbers are available from stock (subject to prior sale). Items without part numbers are available on special order.

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