

VAV AIRFLOW TRANSMITTER

▶ MODEL : DP10VAV

DP10VAV는 HVAC의 공조덕트에서 VAV Box로 유입되는 Airflow의 미세차압을 측정하기 위한 센서로서, 측정된 값은 전류 및 전압신호로 출력합니다.



● Specifications

Ranges	0 to 0.50" w.c. / 0 to 1.00" w.c.
Accuracy	±1% of Full Span
Transducer Response Time	250 Milliseconds to reach 98% of a step change
Temperature Effect	Zero. ±0.025% of Full Scale/°C Span, non-interactive.
Power Supply	24VAC or VDC for all models.
Analog Outputs	1-5VDC or 2-10VDC

Temperature Limits	-20 to 70°C Storage -5~50°C Operating
Stability	±0.5% of Full Span for six months
Mounting Position Effect	Less than 0.20% of Full Span
Overpressure and Static Pressure Limit	15 psig
Humidity Limits	0-95% RH, non-condensing
Signal Connections	Brass barbed fittings for 1/4" O.D. tubing
Dimensions	3.00" high × 3.75" wide × 1.75" deep

● Model Number Guide

Range	Model
0 - 0.50" w.c.	DP10VAV-420-0.50
0 - 0.50" w.c.	DP10VAV-210-0.50
0 - 0.50" w.c.	DP10VAV-105-0.50
0 - 1.00" w.c.	DP10VAV-420-1.00
0 - 1.00" w.c.	DP10VAV-210-1.00
0 - 1.00" w.c.	DP10VAV-105-1.00

Load vs. Power Supply Voltage

