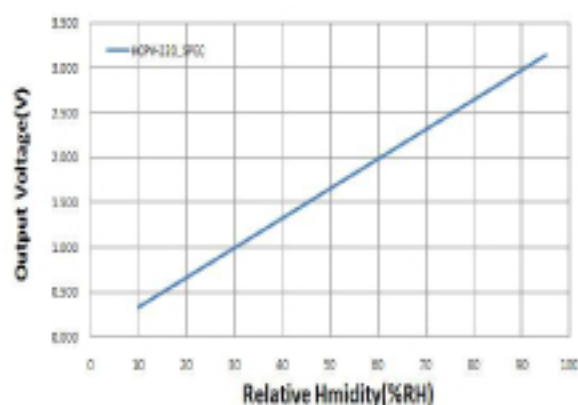


Humidity Look-up Table (@25°C)

- Reference Output Values (Vcc=5V)

%RH	Vout(V)	%RH	Vout(V)
10	0.330	60	1.980
20	0.660	70	2.310
30	0.990	80	2.640
40	1.320	90	2.970
50	1.650	95	3.135

Basic Output Characteristics



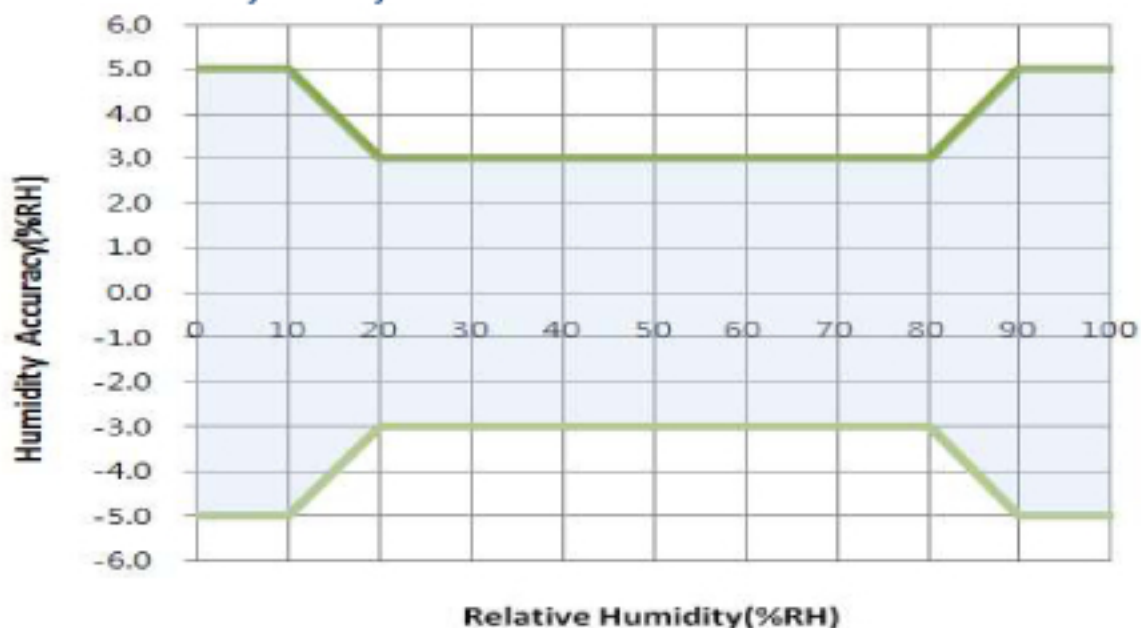
- Linear Equations :

$$H_V_{out} [V] = 0.033 \times RH[\%]$$

$$RH [\%] = 30.303 \times V_{out}[V]$$

$$* \text{ Voltage dependence}[\%RH] = (V-5.0) / 0.05 * (\%RH / 100)$$

- Relative Humidity Accuracy



Accuracy Tolerance of HCPV-22X Series can be customized to user requirements.

The Standard accuracy tolerance is $\pm 3\%RH$ for 20%~80%RH.