

相对湿度

測定範囲：0～100%RH

分解能：0.1%RH

精度：センサーの精度は測定レンジにより異なります。下記の図表を参照ください。応答時間 (τ , 63%)：<40 s (1 m/s の空気の流れでの応答時間)

ヒステリシス：<1% (Typical)

長期間ドリフト：<0.5%RH/年 (Typical)

Humidity Accuracy [%RH]

Humidity [%RH]	100%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±6%	±10%
	95%	±5%	±5%	±4%	±4%	±4%	±4%	±4%	±5%	±8%
	90%	±5%	±4%	±2%	±2%	±3%	±3%	±4%	±5%	±8%
	85%	±5%	±4%	±2%	±2%	±3%	±3%	±4%	±5%	±8%
	80%	±4%	±4%	±2%	±2%	±3%	±3%	±3%	±4%	±6%
	75%	±4%	±4%	±2%	±2%	±3%	±3%	±3%	±4%	±6%
	70%	±4%	±4%	±2%	±2%	±3%	±3%	±3%	±4%	±6%
	65%	±4%	±4%	±2%	±2%	±3%	±3%	±3%	±4%	±6%
	60%	±4%	±3%	±2%	±2%	±2%	±2%	±2%	±3%	±5%
	55%	±4%	±2%	±2%	±2%	±2%	±2%	±2%	±3%	±5%
	50%	±4%	±2%	±2%	±2%	±2%	±2%	±2%	±3%	±5%
	45%	±4%	±2%	±2%	±2%	±2%	±2%	±2%	±3%	±4%
	40%	±4%	±2%	±2%	±2%	±2%	±2%	±2%	±3%	±4%
	35%	±4%	±3%	±2%	±2%	±2%	±2%	±2%	±3%	±4%
	30%	±4%	±3%	±2%	±2%	±2%	±2%	±2%	±3%	±4%
	25%	±4%	±3%	±2%	±2%	±2%	±2%	±2%	±3%	±4%
	20%	±4%	±4%	±2%	±2%	±3%	±3%	±3%	±3%	±4%
	15%	±5%	±4%	±2%	±2%	±3%	±3%	±4%	±4%	±5%
	10%	±8%	±5%	±3%	±3%	±4%	±4%	±4%	±5%	±8%
5%	±8%	±8%	±5%	±5%	±5%	±5%	±5%	±6%	±10%	
0%	±12%	±12%	±5%	±5%	±6%	±6%	±6%	±10%	±12%	
	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C	80°C	
	Temperature [°C]									

温度

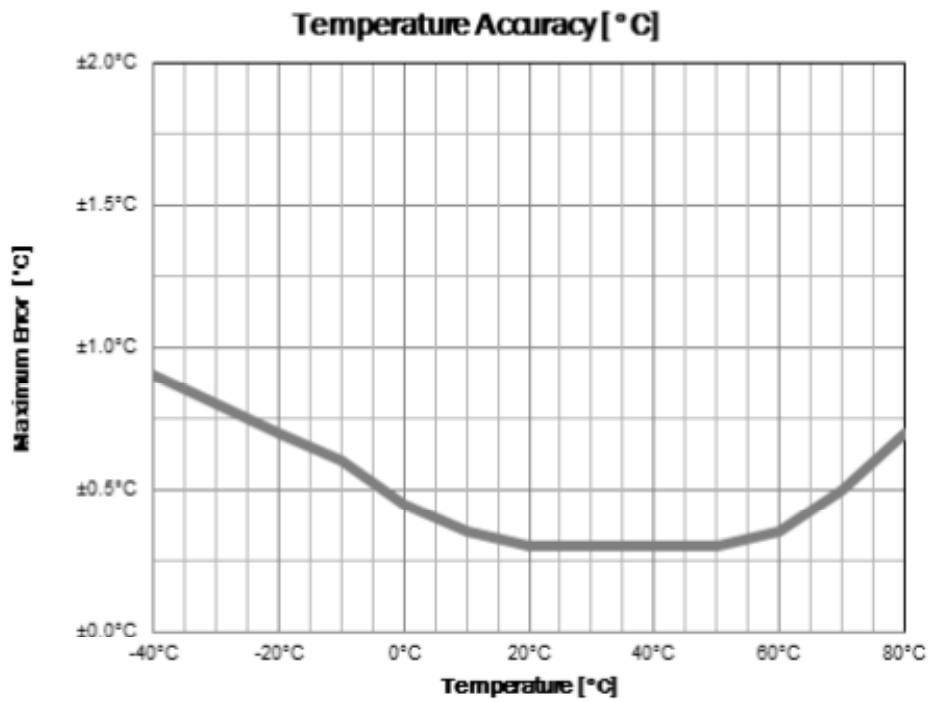
測定範囲：-40～80℃

分解能：0.1℃

精度：センサーの精度は測定レンジにより異なります。下記の図表を参照ください。

応答時間 (τ , 63%)：<400 s (1 m/s の空気の流れでの応答時間)

長期間ドリフト：<0.04℃/年 (Typical)



蒸気圧

測定範囲：0～4.7 kPa

分解能：0.01 kPa

精度：センサーの精度は、温度と湿度の測定レンジにより異なります。下記の図表を参照ください。

Vapor Pressure Accuracy [kPa]

Humidity [%RH]	100%	± 0.05	± 0.09	± 0.16	± 0.29	± 0.49	± 0.81	± 1.30	± 2.62	± 6.32
	95%	± 0.05	± 0.09	± 0.14	± 0.24	± 0.41	± 0.68	± 1.08	± 2.26	± 5.27
	90%	± 0.05	± 0.07	± 0.09	± 0.15	± 0.33	± 0.54	± 1.06	± 2.23	± 5.20
	85%	± 0.05	± 0.07	± 0.08	± 0.15	± 0.33	± 0.53	± 1.05	± 2.19	± 5.13
	80%	± 0.04	± 0.07	± 0.08	± 0.15	± 0.32	± 0.53	± 0.83	± 1.84	± 4.07
	75%	± 0.04	± 0.07	± 0.08	± 0.14	± 0.31	± 0.52	± 0.82	± 1.80	± 4.00
	70%	± 0.04	± 0.07	± 0.08	± 0.14	± 0.31	± 0.51	± 0.81	± 1.77	± 3.93
	65%	± 0.04	± 0.07	± 0.08	± 0.13	± 0.30	± 0.50	± 0.79	± 1.73	± 3.86
	60%	± 0.04	± 0.05	± 0.07	± 0.13	± 0.22	± 0.36	± 0.57	± 1.38	± 3.30
	55%	± 0.04	± 0.04	± 0.07	± 0.13	± 0.22	± 0.35	± 0.56	± 1.34	± 3.23
	50%	± 0.03	± 0.04	± 0.07	± 0.12	± 0.21	± 0.34	± 0.55	± 1.31	± 3.16
	45%	± 0.03	± 0.04	± 0.07	± 0.12	± 0.20	± 0.33	± 0.53	± 1.27	± 2.60
	40%	± 0.03	± 0.03	± 0.07	± 0.12	± 0.20	± 0.33	± 0.52	± 1.24	± 2.53
	35%	± 0.03	± 0.05	± 0.06	± 0.11	± 0.19	± 0.32	± 0.50	± 1.20	± 2.46
	30%	± 0.03	± 0.05	± 0.06	± 0.11	± 0.19	± 0.31	± 0.49	± 1.17	± 2.39
	25%	± 0.03	± 0.04	± 0.06	± 0.10	± 0.18	± 0.30	± 0.48	± 1.14	± 2.32
	20%	± 0.03	± 0.06	± 0.06	± 0.10	± 0.25	± 0.41	± 0.67	± 1.10	± 2.25
	15%	± 0.03	± 0.05	± 0.05	± 0.10	± 0.24	± 0.40	± 0.85	± 1.39	± 2.67
	10%	± 0.05	± 0.07	± 0.08	± 0.14	± 0.31	± 0.52	± 0.84	± 1.67	± 4.08
5%	± 0.05	± 0.10	± 0.12	± 0.22	± 0.38	± 0.64	± 1.03	± 1.96	± 5.00	
0%	± 0.08	± 0.15	± 0.12	± 0.22	± 0.45	± 0.75	± 1.22	± 3.21	± 5.92	
	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C	80°C	
	Temperature [°C]									