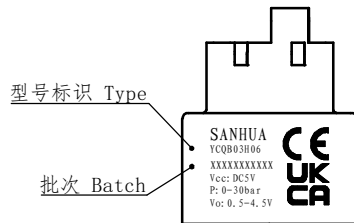
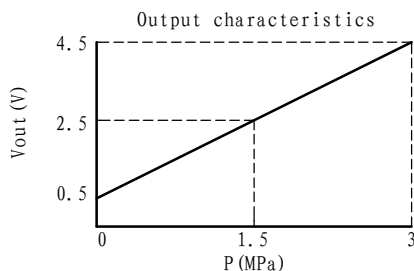


打标示意图
Diagram for label printing



输出电压与压力特性曲线图
Output characteristics



注意事项 NOTE:

- 将1 atm (1013hPa) 定义为OMPa;
The pressure of 1 atm(1013hPa) is defined as OMPa;
- 接线端子保持干燥, 请勿直接接触接线端子, 否则可能会因静电导致损坏;
The connector pin must keep dry, Please prevent from touching connector pin directly, There is a possibility of damaging by static electricity;
- 接管焊接时, 应采取冷却措施确保传感器受压部全体温度不超过100℃, 超过100℃可能会破坏其基本性能。

At brassing of pipes, take the cooling measures to keep the temperature of the entire receiving pressure part under 100℃, When the temperature of the entire sensor receiving pressure part exceeds 100℃, the basic characteristics might be damaged.

技术要求 Technical Requirements:

- 工作压力范围: 0~3MPa;
Working pressure range: 0~3MPa;
- 输出电压: DC (0.5~4.5) V;
Output voltage: DC (0.5~4.5) V;
- 综合精度: ±0.8% FS (-40℃~40℃), 在DC 5V下;
Total accuracy: ±0.8% FS (-40℃~40℃), DC 5V下;
- 工作环境温度: -40℃~80℃;
Working temperature: -40℃~80℃;
- 流体温度: -40℃~120℃;
Fluid temperature: -40℃~120℃;
- 气密性: 在4.2MPa下, 泄漏率应≤2.83g/a;
Airtight pressure: Apply test under 4.2MPa, leakage rate≤2.83g/a;
- 耐压压力: 7.5MPa;
Proof pressure: 7.5MPa;
- 破坏压力: ≥25MPa;
Burst pressure: ≥25MPa;
- 电源电压: DC (5±0.25) V;
Power voltage: DC (5±0.25) V;
- 负载电阻: ≥10kΩ;
Load resistance: ≥10kΩ;
- 供应电流: ≤10mA;
Power supply current: ≤10mA;
- 非正常工作下最大电源电压: DC 6V;
Abnormal operating max. power voltage: DC 6V;
- 绝缘电阻: ≥100MΩ (DC500V);
Insulation resistance: ≥100MΩ (DC500V);
- 电气强度: AC1500V(1min)或AC1800V(1s), 漏电流≤0.75mA;
Electric strength: AC1500V(1min) or AC1800V(1s), electricity leakage≤0.75mA;
- 接线方法:
Vcc——红色; Vout——白色; GND——黑色;
Electricity connect:
Vcc——Red; Vout——White; GND——Black;
- 适用制冷剂: HCFC、HFC、HFO等;
Suitable refrigerant: HCFC、HFC、HFO etc;
- 外壳防护等级: IP67.
Shell protection grade: IP67.

				压力变送器		YCQB03H06-RK	
				Pressure transmitter		图样标记 Marks	
						重量 Weight	
						比例 Ratio	
F	TG-48-142-2022	杨海亮	2022.8.3	B		1:1	
设计 Designer	杨海亮	标准化 Standard	林文志	共 1 张 Total 1		第 1 张 Page 1	
校对 Checker	王哲	审定 Order	陈春宇	浙江三花制冷集团有限公司			
审核 Verifier	于静洋	(批准 Approva)					
工艺 Processor	方亮	日期 Date	2022-08-21	Zhejiang SANHUA Climate and Appliance Controls Group Co., Ltd			