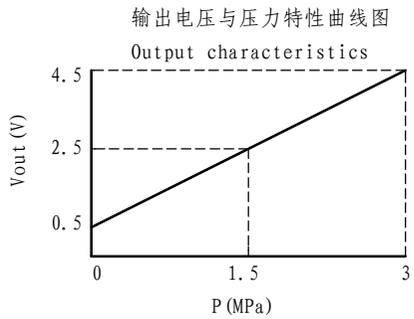


注意事项 NOTE:

- 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;
- 推荐密封连接拧紧力矩: 12.7~16.7N·m。
Tightening Torque for connection: 12.7 to 16.7 N·m with dry seal is recommended.

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: $\pm 0.8\%$ FS (-40°C~40°C), 在DC 5V下;
Total accuracy: $\pm 0.8\%$ FS (-40°C~40°C), DC 5V下;
- 工作环境温度: -40°C~80°C;
Working temperature: -40°C~80°C;
- 流体温度: -40°C~120°C;
Fluid temperature: -40°C~120°C;
- 气密性: 在4.2MPa下, 泄漏率应 $\leq 2.83\text{g/a}$;
Airtight pressure: Apply test under 4.2MPa, leakage rate $\leq 2.83\text{g/a}$;
- 耐压压力: 7.5MPa;
Proof pressure: 7.5MPa;
- 破坏压力: $\geq 25\text{MPa}$;
Burst pressure: $\geq 25\text{MPa}$;
- 电源电压: DC (5 ± 0.25) V;
Power voltage: DC (5 ± 0.25) V;
- 负载电阻: $\geq 10\text{k}\Omega$;
Load resistance: $\geq 10\text{k}\Omega$;
- 供应电流: $\leq 10\text{mA}$;
Power supply current: $\leq 10\text{mA}$;
- 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: $\geq 100\text{M}\Omega$ (DC500V) ;
Insulation resistance: $\geq 100\text{M}\Omega$ (DC500V) ;
- 电气强度: AC1500V (1min)或AC1800V (1s), 漏电流 $\leq 0.75\text{mA}$;
Electric strength: AC1500V (1min) or AC1800V (1s), electricity leakage $\leq 0.75\text{mA}$;
- 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		YQOB03L18-RK	
				Pressure transmitter		图样标记 Marks	
				B		重量 Weight	
				1:1		比例 Ratio	
				共 1 张 Total 1		第 1 张 Page 1	
				浙江三花商用制冷有限公司			
				Zhejiang SANHUA Commercial Refrigeration Controls Co., Ltd			
标记 Label	序号 No.	更改文件号 Change document No.	签字 Signature	日期 Date			
设计 Designer	唐博	标准化 Standard	徐湛江				
校对 Checker	杨海亮	审定 Order	许国华				
审核 Verifier	赵建丰	(批准 Approva)					
工艺 Processor	王丽岩	日期 Date	2020-08-18				