



技术要求 Technical Requirements:

- 工作压力范围: 0MPa~3MPa;
Working pressure range: 0MPa~3MPa;
- 输出电流: (4~20) mA ;
Output current: (4~20) mA ;
- 综合精度: ±0.8% FS (-40℃~80℃) ;
Total accuracy: ±0.8% FS (-40℃~80℃) ;
- 工作环境温度: -40℃~80℃;
Working temperature: -40℃~80℃;
- 流体温度: -40℃~80℃;
Refrigerant temperature: -40℃~80℃;
- 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;
Pressure resistance: 7.5MPa;
- 破坏压力: ≥25MPa;
Burst pressure: ≥25MPa;
- 电源电压: DC (10~30) V;
Power voltage: DC (10~30) V;
- 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;
- 适用制冷剂: R410A、R407C、R290等;
Suitable refrigerant: R410A、R407C、R290 etc;
- 外壳防护等级: IP66.
Shell protection grade: IP66.

注意事项 NOTE:

- 将1 atm (1013hPa) 定义为0MPa;
The pressure of 1 atm(1013hPa) is defined as 0MPa;
- 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 a direct connector pin, There is a possibility of damaging with static electricity;
- 推荐密封连接拧紧力矩: (12.7~16.7) N·m。
Tightening Torque for connection: 12.7 to 16.7 N·m with dry seal is recommended.
- 外壳需良好接地;
The shell must be good grounding.

				压力变送器		YQC03H101-RK	
				Pressure transmitter			
F	TG-33-210-2019	魏达	2019.8.1	图样标记 Marks		重量 Weight	比例 Ratio
标记 Label: 序号 No. 更改文件号 Change document No. 签字 Signature 日期 Date				A		46.2	1:1
设计 Designer	魏达	标准化 Standard	徐溪江	共 1 张 Total		第 1 张 Page	
校对 Checker	于静洋	审定 Order	许国华	浙江三花制冷集团有限公司			
审核 Verifier	王丽岩	(批准 Approval)					
工艺 Processor	王丽岩	日期 Date	2019-08-02	Zhejiang SANHUA Climate and Appliance Controls Group Co., Ltd			