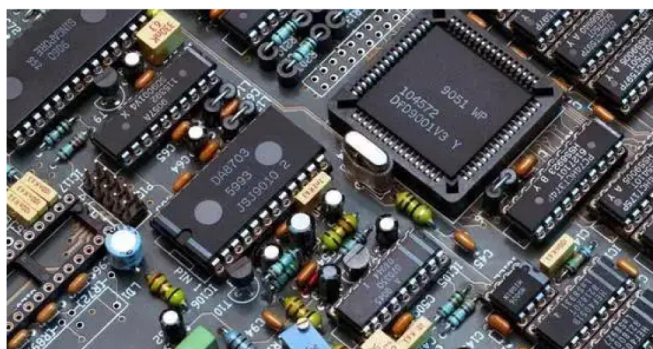
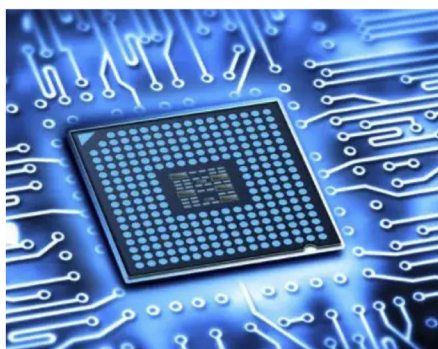
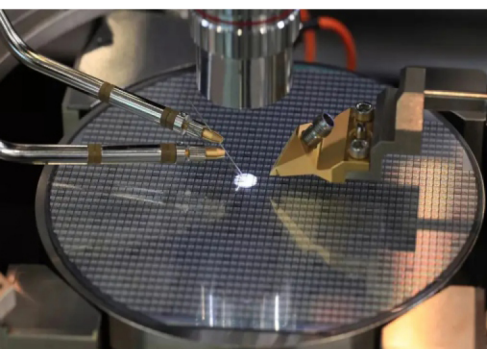




压力变送器

Pressure sensor



RSIND[®] 瑞赛德[®]

压力单位换算表
Pressure unit conversion table

psi	atms	Ft.Hd. H ₂ O at 20°C	in H ₂ O	Kg/cm ²	Metres H ₂ O	inHg at 20°C	mmHg	cmHg	bar	Millibar (mbar)	KPa
1	0.0680	2.310	27.720	0.0700	0.704	2.043	51.884	5.188	0.0690	68.947	6.895
14.696	1	33.659	407.513	1.0330	10.351	30.019	762.480	76.284	1.0130	1013.0	101.325
0.433	0.0290	1	12.000	0.0300	0.305	0.884	22.452	2.245	0.0300	29.837	2.984
0.036	0.0025	0.833	1	0.0025	0.025	0.074	1.871	0.187	0.0025	2.486	0.249
14.233	0.9680	32.867	394.408	1	10.018	29.054	737.959	73.796	0.9810	980.662	98.066
1.422	0.0970	3.287	39.370	0.0990	1	2.905	73.796	7.379	0.0980	98.066	9.807
0.489	0.0330	1.131	13.575	0.0340	0.345	1	25.400	2.540	0.0340	33.753	3.375
0.019	0.0013	0.045	0.534	0.0014	0.0136	0.039	1	0.100	0.0010	1.329	0.133
0.193	0.0131	0.445	5.340	0.0140	0.1360	0.393	10.000	1	0.0133	13.290	1.328
14.503	0.9870	33.514	402.164	1.0200	10.2110	29.625	752.470	75.247	1	1000.0	100.00
0.014	0.0009	0.033	0.402	0.0010	0.0102	0.029	0.752	0.075	0.001	1	0.100
0.145	0.0098	0.335	4.021	0.0100	0.1020	0.296	7.525	0.752	0.010	10.000	1

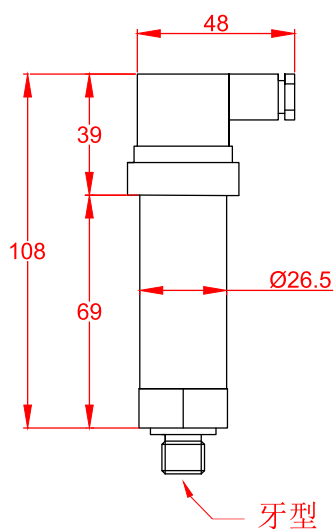
UNIT	bar	mbar	kbar	Pa	kPa	MPa
1bar	1	1000	0.001	10 ⁵	100	0.1
1mbar	0.001	1	10 ⁻⁶	100	0.1	10 ⁻⁴
1kbar	1000	10 ⁶	1	10 ⁸	10 ⁵	100
1Pa	10 ⁻⁵	0.01	10 ⁻⁸	1	0.001	10 ⁻⁶
1kPa	0.01	10	10 ⁻⁵	1000	1	0.001
1MPa	10	10 ⁴	0.01	10 ⁶	1000	1

Relevant certification qualification



压力传感器系列

标准型 Standard type



特点 characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65

选型 model selection

RS03/1-1-1-10

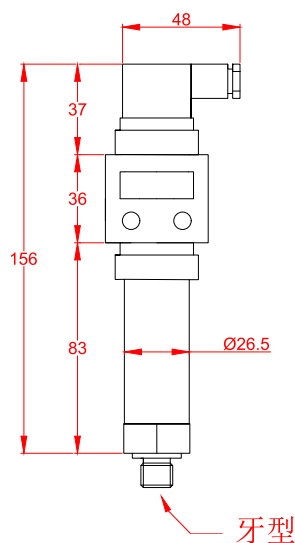
1: M20*1.5
2: G1/4

1: 0-1MPa
2: 0-2MPa
3: 0-5MPa
4: 0-7MPa
5: 0-10MPa
6: 0-16MPa
7: 0-20MPa
8: 0-25MPa
9: 0-35MPa
10: 0-40MPa
11: 0-60MPa
12: 0-100MPa

1: 4-20mA
2: 0-10V
3: 0-5V
4: 0.5-4.5V

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-10V/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

数字显示型 Digital display type



特点 characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ 高清LCD屏显示
- ◎ 工业现场适用
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65
- ◎ HD LCD display
- ◎ Applicable to industrial site

选型 model selection

RS03/1-1-1-20

1: M20*1.5

2: G1/4

1: 0-1MPa

2: 0-2MPa

3: 0-5MPa

4: 0-7MPa

5: 0-10MPa

6: 0-16MPa

7: 0-20MPa

8: 0-25MPa

9: 0-35MPa

10: 0-40MPa

11: 0-60MPa

12: 0-100MPa

1: 4-20mA

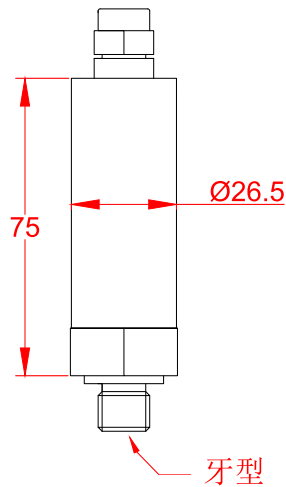
2: 0-10V

3: 0-5V

4: 0.5-4.5V

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-10V/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

中心出线防水型 Waterproof type with wire



特点 characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65

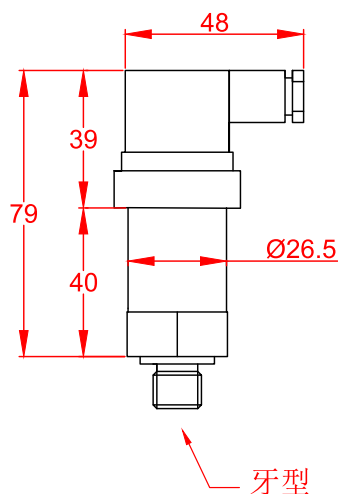
选型 model selection

RS03/1-1-1-30

1: M20*1.5		1: 4-20mA
2: G1/4	1: 0-1MPa	2: 0-10V
	2: 0-2MPa	3: 0-5V
	3: 0-5MPa	4: 0.5-4.5V
	4: 0-7MPa	
	5: 0-10MPa	
	6: 0-16MPa	
	7: 0-20MPa	
	8: 0-25MPa	
	9: 0-35MPa	
	10: 0-40MPa	
	11: 0-60MPa	
	12: 0-100MPa	

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-10V/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

小巧型 Compact type



特点 characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65

选型 model selection

RS03/1-1-1-40

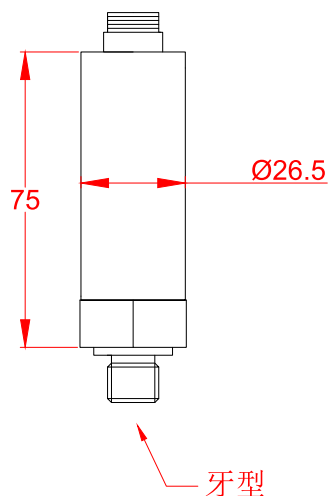
1: M20*1.5
2: G1/4

1: 0-1MPa
2: 0-2MPa
3: 0-5MPa
4: 0-7MPa
5: 0-10MPa
6: 0-16MPa
7: 0-20MPa
8: 0-25MPa
9: 0-35MPa
10: 0-40MPa
11: 0-60MPa
12: 0-100MPa

1: 4-20mA
2: 0-10V
3: 0-5V
4: 0.5-4.5V

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

航空出线型 Aviation outgoing line



特点 characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65

选型 model selection

RS03/1-1-1-50

1: M20*1.5

2: G1/4

1: 0-1MPa

2: 0-2MPa

3: 0-5MPa

4: 0-7MPa

5: 0-10MPa

6: 0-16MPa

7: 0-20MPa

8: 0-25MPa

9: 0-35MPa

10: 0-40MPa

11: 0-60MPa

12: 0-100MPa

1: 4-20mA

2: 0-10V

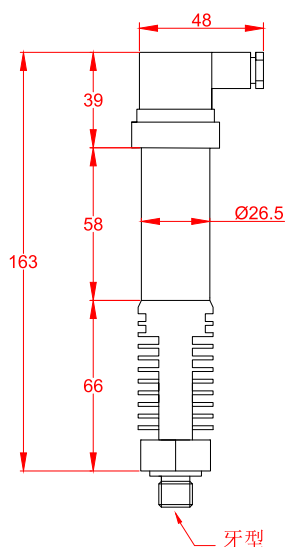
3: 0-5V

4: 0.5-4.5V

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-10V/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

高温散热型

High temperature heat dissipation type



特点

characteristic

- ◎ 量程覆盖范围宽
- ◎ 全不锈钢结构
- ◎ 兼容不同介质
- ◎ 精度高，稳定性好
- ◎ 强抗干扰设计
- ◎ 外壳防护等级IP65
- ◎ 十叶片散热
- ◎ Wide range of measuring range
- ◎ All stainless steel structure
- ◎ Can detect different media
- ◎ High precision and good stability
- ◎ Anti interference Design
- ◎ Enclosure protection grade Ip65
- ◎ Ten blade heat dissipation

选型

model selection

RS03/1-1-1-60

1: M20*1.5

2: G1/4

1: 0-1MPa

2: 0-2MPa

3: 0-5MPa

4: 0-7MPa

5: 0-10MPa

6: 0-16MPa

7: 0-20MPa

8: 0-25MPa

9: 0-35MPa

10: 0-40MPa

11: 0-60MPa

12: 0-100MPa

1: 4-20mA

2: 0-10V

3: 0-5V

4: 0.5-4.5V

控制范围 Range range	0-100MPa	精度等级 Accuracy class	0.5%F.S.
稳定性 stability	≤0.2%/年	过载 overload	150%FS
电源范围 Power range	12-32VDC	输出信号 output signal	4-20mA/0-10V/0-5V/0.5-4.5V
防护等级 Protection level	Ip65	相对湿度 relative humidity	0~90%
环境温度 ambient temperature	-30~80℃	介质温度 Medium temperature	-40~120℃

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