

铂电阻温度传感器

STT-B系列铂电阻温度传感器

STT-B系列铂电阻温度传感器采用不锈钢外壳封装，头部为铝质防水接线盒，广泛应用于热能工程，电力，食品，制药，压力容器、石油化工等流程工业以及烘炉，塑料化纤，制冷机组等大型机械设备的温度，产品规格详见表8。

STT-B	A	B	C	D	E	N	P	T	S
B 接线盒类型 (详见表9)									
P=P型									
S=S型									
L=L型									
G=G型									
D=D型(隔爆类型)									
A 传感器类型, 双支加D									
1=Pt100 5=Pt500 10=Pt1000									
B 直径D (mm)									
3=3.0 4=4.0 5=5.0 6=6.0									
8=8.0 10=10 12=12 16=16									
C 插入深度EL (mm)									
100=100 200=200 300=300									
400=400 500=500									
D 不锈钢保护管材质									
1=sus321 4=sus304 6=sus316									
E 引线结构									
2=两线									
3=三线									
4=四线									
N 过程连接类型									
1无连接 2(20) 螺纹连接 3活动法兰 4固定法兰 5卡套螺纹									
8=M8X1.25 1螺钉锁紧 1=φ95mm 8=M8X1.25									
12=M12X1.5 2卡套锁紧 2=φ105mm 10=M10X1.5									
16=M16X1.5 3=φ115mm 16=M16X1.5									
20=M20X1.5 指定 指定									
22=M22X1.5 详见表10 详见表11									
27=M27X2									
指定									
详见附录二									
P 精度									
A=A级 B=B级 1/3B=1/3B级									
T 温度范围 (°C)									
1=-200~100 2=-50~100 3=-50~200 4=-50~250									
S 特殊要求									
0=无 2=可弯曲铠装结构 3=特氟龙涂层防腐 4=特氟龙包覆防腐 8=隔爆									

说明:1. **指定** 选项直接填写数据规格

2. 特殊要求如有多个选项时, 请用/分隔依次填写

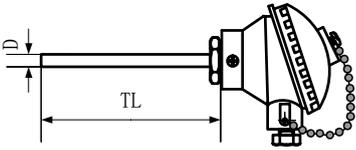
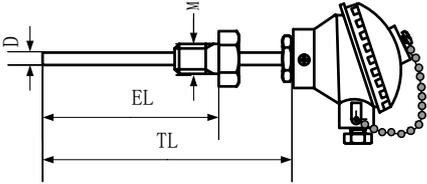
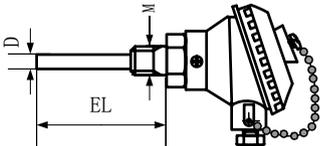
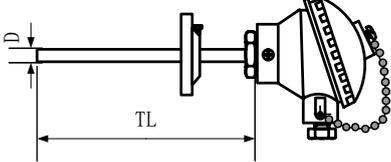
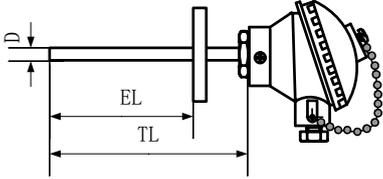
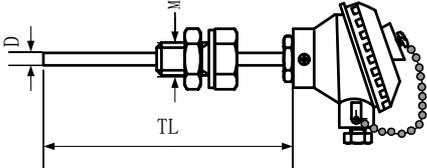
3. 标准供货产品N2系列长度TL=EL+150, 也可指定TL长度;N20系列无冷端长度

选型举例:STT-BP---A1---B6---C500---D1---E3---N2G1/2---PA---T3---S0
 类别代码 Pt100 直径6mm 长度500mm 材质sus321 三线制 螺纹连接G1/2 精度A级 温度范围 -50~200°C 无

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过程连接类型规格表

表 8

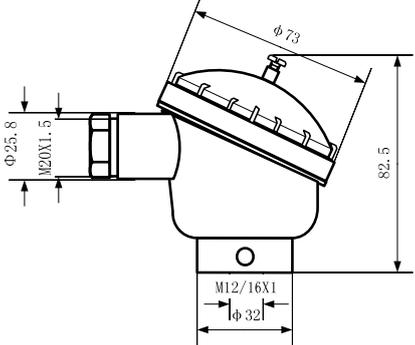
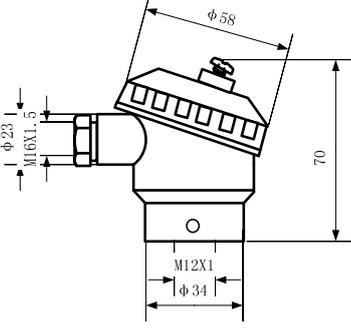
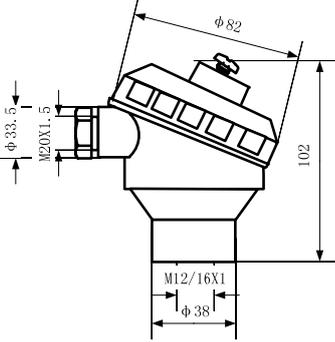
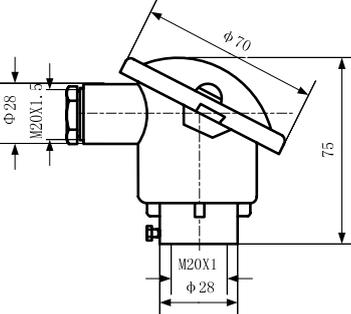
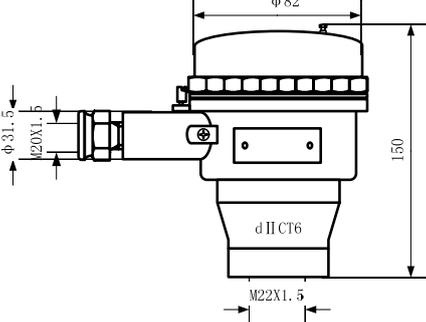
外形图	实物图
	
	
	
	
	
	

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接线盒规格表(mm)

表 9

外形图	实物图
 <p>Technical drawing of the P-type sensor terminal box. Dimensions include: top diameter $\phi 73$, total height 82.5, mounting hole diameter $\phi 32$, and base thread $M12/16 \times 1$. The cable entry has a diameter of $\phi 25.8$ and thread $M20 \times 1.5$.</p>	 <p>3D rendering of the P-type sensor terminal box, showing its cylindrical shape and protective cap with a chain.</p>
P型	
 <p>Technical drawing of the S-type sensor terminal box. Dimensions include: top diameter $\phi 58$, total height 70, mounting hole diameter $\phi 34$, and base thread $M12 \times 1$. The cable entry has a diameter of $\phi 23$ and thread $M16 \times 1.5$.</p>	 <p>3D rendering of the S-type sensor terminal box, showing its compact design and protective cap.</p>
S型	
 <p>Technical drawing of the L-type sensor terminal box. Dimensions include: top diameter $\phi 82$, total height 102, mounting hole diameter $\phi 38$, and base thread $M12/16 \times 1$. The cable entry has a diameter of $\phi 33.5$ and thread $M20 \times 1.5$.</p>	 <p>3D rendering of the L-type sensor terminal box, showing its larger size and protective cap.</p>
L型	
 <p>Technical drawing of the G-type sensor terminal box. Dimensions include: top diameter $\phi 70$, total height 75, mounting hole diameter $\phi 28$, and base thread $M20 \times 1$. The cable entry has a diameter of $\phi 28$ and thread $M20 \times 1.5$.</p>	 <p>3D rendering of the G-type sensor terminal box, showing its compact design and protective cap.</p>
G型	
 <p>Technical drawing of the D-type sensor terminal box. Dimensions include: top diameter $\phi 82$, total height 150, mounting hole diameter $\phi 28$, and base thread $M22 \times 1.5$. The cable entry has a diameter of $\phi 31.5$ and thread $M20 \times 1.5$. The base is labeled $\phi HCT6$.</p>	 <p>3D rendering of the D-type sensor terminal box, showing its large size and protective cap.</p>
D型	

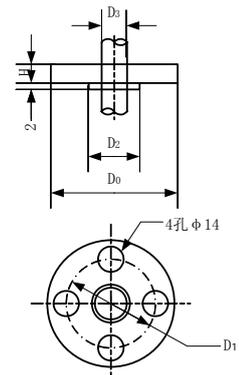
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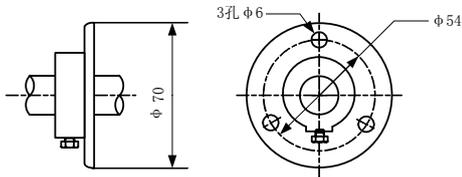
固定/活动法兰尺寸(mm)

表 10

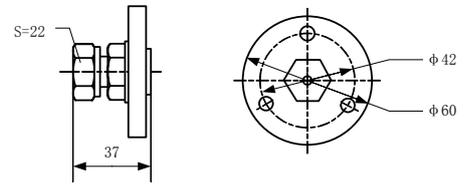
PN1.0 MPa 凸面板平焊钢制法兰尺寸 (JB/T81-94)					
D_3	D_0	D_1	D_2	H	法兰质量kg
16	95	65	45	12	0.51
12	95	65	45	12	0.51
16	105	75	55	14	0.75
12	105	75	55	14	0.75
16	115	85	65	14	0.89
12	115	85	65	14	0.89



固定法兰



31 螺钉顶紧活动法兰



32 卡套锁紧活动法兰

活动卡套螺纹规格表

表 11

外形图	规格	尺寸 mm		
		L_0	S	配用保护管直径
	M8X1.25	10	12	2, 3
	M10X1.5	10	12	2, 3, 4
	M16X1.5	14	22	3, 4, 5, 6, 8