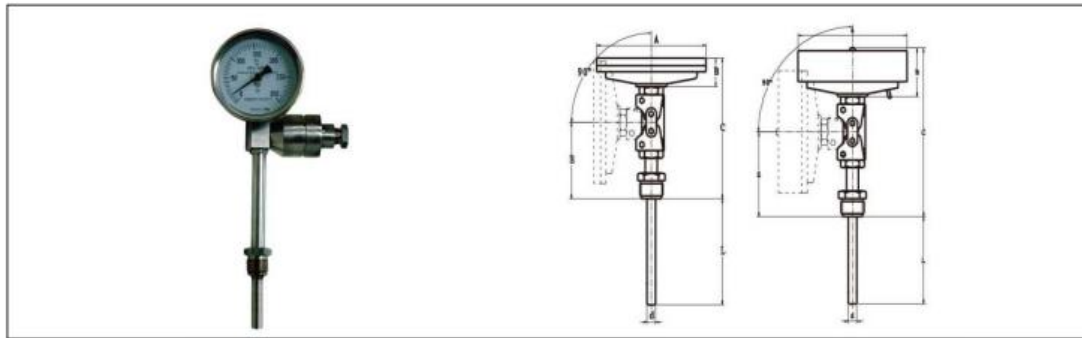


带远传双金属温度计

With remote double metal thermometer



应用

采用双金属温度计与热电偶(阻)一体的方式,既满足现场测温需求,亦满足远距离传输需求。可以直接测量各种生产过程中的-80℃~+500℃范围内液体、蒸汽和气体介质以及固体表面测温。

Application

It is the integration of BI metal thermometer and thermocouple (resistance), which can not only meet the needs of the temperature measurement in field, but also meet the demand for long-distance transmission. It is able to directly measure the temperature of liquid, steam and gas and solid surface within the range of -80℃~+500℃.

主要技术参数

- 1.标度盘公称直径:100,150
- 2.热响应时间:≤40s
- 3.精度等级:(1.0),1.5
- 4.热电偶:I级,1.5℃;II级,2.5℃
- 5.热电阻:A级,±(0.15+0.005 Itl) B级, ±(0.30+0.005 Itl)
- 6.防护等级:IP55

Main technical parameters

- 1.Nominal diameter of dial:100,150
- 2.Thermal response time:≤40s
- 3.Precision grade:(1.0),1.5
- 4.Thermocouple;I,1.5℃;II,2.5℃
- 5.Thermal resistance:A,+(0.15+0.005 Itl) B,±(0.30+0.005 Itl)
6. Protection level: IP55

外形及尺寸 Shape and dimension

形式 Forms	D	A	B	E	d
径向型 Radial type	105	23	73		Φ10 Φ12 Φ14
	155	23	73		
轴向型 Axial type	65	50	110	34	
	105	50	110	34	
万向型 Universal type	105	23	178	120	
	155	23	178	120	
电接点轴向型 Axial type for the electric contact points	105	40	135		
电接点径向型 Radial type for the electric contact points	105	72	150	42	
电接点万向型D Universal D type for the electric contact points	105	40	175	98	

型号及规格 Model and specifications

型号 Model	分度号 Graduation	测温范围 °C Range of temperature measurement °C	精度等级 Precision grade	保护管材料 Material for protective tube	插入长度 Insertion length				
WSSE-401	E	-80~+40 -80~+40 0~+80 0~100 0~150 0~200 0~400 0~500	1.5	1Cr18Ni9Ti					
WSSE-501									
WSSE-411									
WSSE-511									
WSSE-481									
WSSE-581									
WSSP-501	Pt100			-80~+40 -80~+40 0~+80 0~100 0~150 0~200 0~400 0~500	1.5	304	100		
WSSP-411						316	150		
WSSP-511						316L	200		
WSSP-481						316L	300		
WSSP-581						316L	400		
WSSP-581						316L	500		
WSSXE-401	E					-80~+40 -80~+40 0~+80 0~100 0~150 0~200 0~400 0~500	1.5	哈氏C-276 Harrington C-276	750
WSSXP-401	Pt100								1000
WSSXE-411	E								
WSSXP-411	Pt100								
WSSXE-481	E								
WSSXP-481	Pt100								

选型须知

- 1) 型号
- 2) 热电偶(阻)分度号
- 3) 热电偶(阻)精度等级
- 4) 双金属温度计精度等级
- 5) 测温范围
- 6) 安装固定形式
- 7) 保护管材质
- 8) 长度或插入长度

例 A: 带热电偶双金属温度计, 轴向型, E型, I级, 测温范围0~400°C, 活动螺纹M27×2, 保护管316, 插入长度300mm. WSSE-401 0~400°C I=300 I级 保护管316

Notice for model selection

- 1) Model
- 2) Graduation of thermocouple (resistance)
- 3) Precision grade of thermocouple (resistance)
- 4) Precision grade of bimetallic thermometer
- 5) Range of temperature measurement
- 6) Installation and fixation form
- 7) Material of the protective tube
- 8) Length or insertion length

Example A: Bimetallic thermometer with thermocouple axial type, model E and grade I, temperature measurement range 0~400°C, active screw thread M27×2, protective tube 316, insertion length 300mm. WSSE-401 0~400°C I=300 I grade protective tube 316