表面热电偶（阻）

Surface Thermocouple (Thermal Resistor)

产品概述

Product Overview

表面热电偶（阻）主要用于锅炉管壁、炉壁以及其他圆柱体表面测量温度。采用直径（3~6）mm的元件作为测温探头，测量端焊接、螺钉、磁钢、抱箍固定在感温片上组成。将带有与炉壁相吻合的曲面的感温片焊接、箍、吸磁在炉壁（管道）上，便可测量炉壁，管道和圆柱体表面温度。

Surface Thermocouple (Thermal Resistor) is mainly used for boiler walls, furnace and other cylindrical surface temperature measurement, using the diameter (3 ~ 6) mm components as a temperature probe, measuring end welding, screws, magnets, hoops fixed in the sense of the composition of the piece of temperature. With the furnace wall with the surface of the temperature sensing piece of welding, hoop, suction magnet in the furnace wall (pipe), it will be able to measure the temperature of the furnace wall, pipeline and cylindrical surface temperature.

技术参数

Technical Parameter

名称 Name	分度号 Graduation	测温范围 ℃ Temperature measurement range	允差等级 Tolerance level	套管直径 Sleeve diamater	热响应时间 $t_{0.5}$ Thermal response time		安装方式 Installation method
					接壳型 Shell type	绝缘型 Insulation type	
锅炉护壁热电偶 Boiler wall thermocouple	K	0~800	Ⅰ级 Ⅱ级	Φ4 Φ5 Φ6	≤0.85S	≤2.5S	感温片与设备焊接固定或螺栓固定 热电偶与感温片用螺钉固定 The temperature sensing piece is fixed by welding or bolting with the equipment. The thermocouple is fixed by screws with the temperature sensing piece.
	N	0~800					
	E	0~600					
抱箍热电偶 Hoop thermocouple	K	0~800	Ⅰ级 Ⅱ级	Φ4 Φ5 Φ6	≤2S	≤6S	抱箍固定 Hoop fixing
	N	0~800					
	E	0~600					

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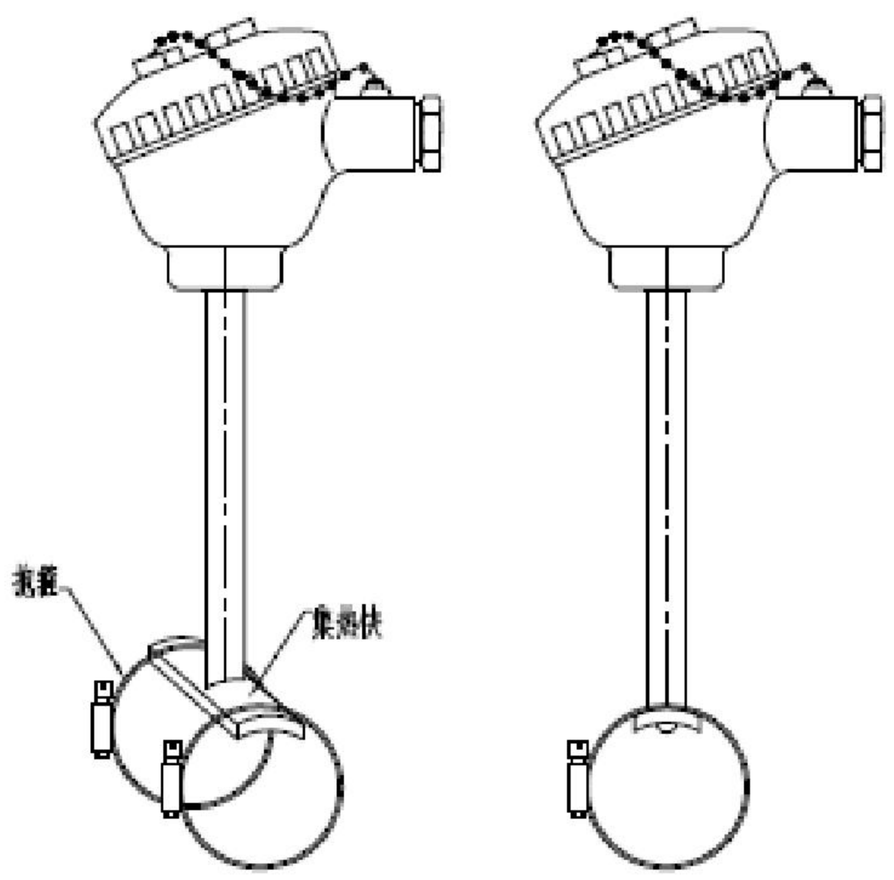
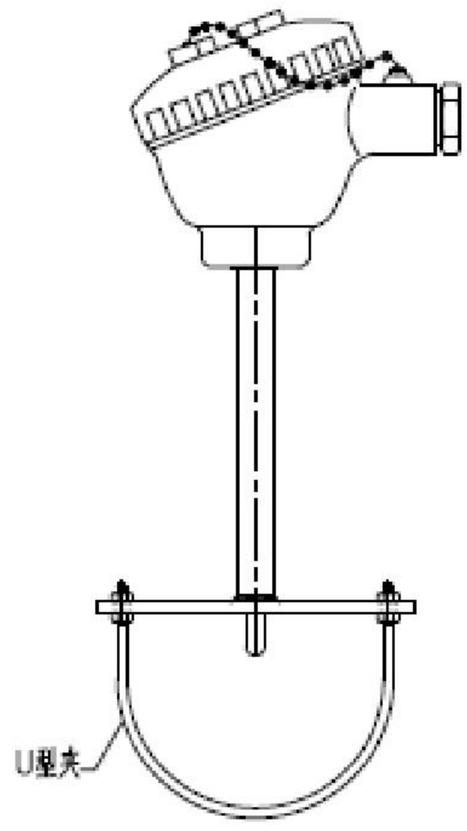
结构示意图

Structure diagram



WRN-135MG/WZP-135MG



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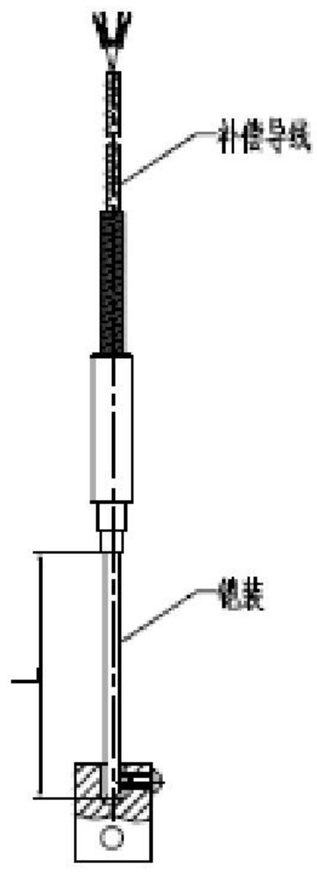

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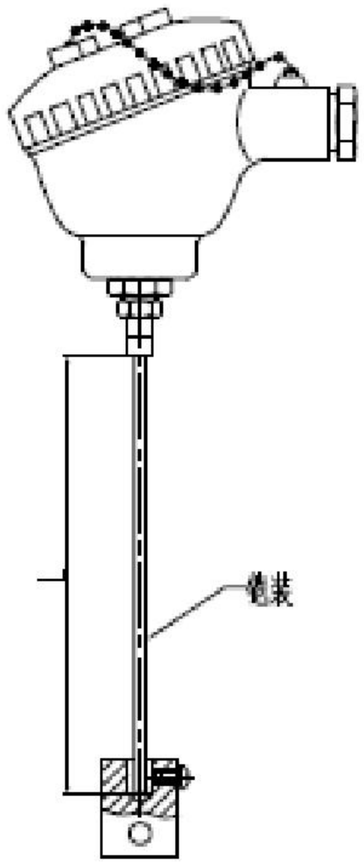

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