

特种热电阻、热电偶

Special thermal resistance and thermocouple



聚四氟乙烯防腐层 Anticorrosion of insulation of PTFE

采用热熔烧结加工工艺，将聚四氟乙烯（PTFE）的套管和螺栓（或法兰）均匀地套在不锈钢保护管的外层。聚四氟乙烯它具有优异的化学稳定性、耐磨性、耐蚀性、润滑性以及耐热性和耐寒性，聚四氟乙烯的磨擦系数最低，几乎不吸水，耐腐蚀性突出，能耐沸腾的盐酸、硫酸、硝酸及王水等腐蚀介质的腐蚀。

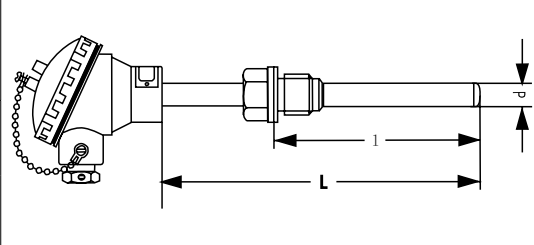
The sheathed tube and bolt (or flange) of PTFE is evenly cased on the outer layer of the stainless steel protection tube using hot sintering technology. PTFE has a series of fine characteristics such as chemical stability, wear resistance, lubricity, corrosion resistance, heat durability and cold resistance. PTFE has the minimum coefficient of friction, little water absorption, fine wear resistance and good corrosion proof properties to boiling hydrochloric acid, sulfuric acid, nitric acid and aqua regia.

型号与规格 Model and specification

在装配式热电偶、热电阻产品型号后加尾注“F”，即是耐腐蚀型，再注明防腐材料名称或代号，规格也与装配式产品相同只是增加了涂层或镀层厚度，测温范围也受涂层或镀层限制。

Add “F” immediately following the model of assembly type thermocouple and thermal resistance, which stands for corrosion proof type, and then the name or code of the corrosion material. Its specification is same to the assembly type but with additional coating layer or coating layer thickness and its temperature range is also controlled by the coating layer or plating coat.

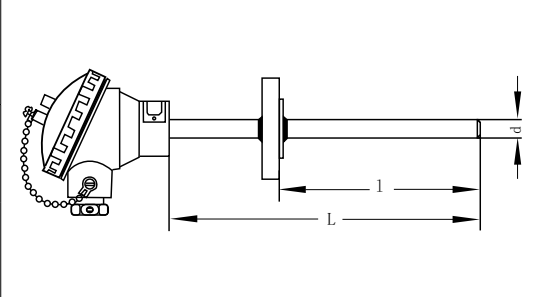
固定螺栓式铂热电阻 Fixed bolt platinum thermal resistance

名称 Name	型号 Model	分度号 Graduation Mark	热响应时间 τ 0.5(s) Thermal response time τ 0.5(s)	测量范围(°C) Measuring Range(°C)	
铂热电阻 Platinum thermal resistance	WZPF-230(PTFE)	Pt100	120	-120~+200	
	WZP ₂ F-230(PTFE)				

注：(1) PTFE表示聚四氟乙烯防腐层。(2) 保护管固定螺栓规格参见螺纹安装图。

Note (1) PTFE stands for the anticorrosive coating of polytetrafluoroethylene. (2) See page 91, Fig 147 for the specification of the straight lined protection tube fixed bolt.

固定法兰式铂热电阻 Fixed flange platinum thermal resistance

名称 Name	型号 Model	分度号 Graduation Mark	热响应时间 τ 0.5(s) Thermal response time τ 0.5(s)	测量范围(°C) Measuring Range(°C)	
铂热电阻 Platinum thermal resistance	WZPF-430(PTFE)	Pt100	120	-120~+200	
	WZP ₂ F-430(PTFE)				

注：(1) PTFE表示聚四氟乙烯防腐层。

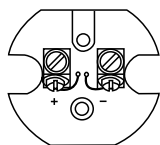
(2) 固定法兰型号后加“A”，为ANSI标准法兰。

Note: (1) PTFE stands for the anticorrosive coating of polytetrafluoroethylene.

(2) Fixed flange model with “A” at the end shall be ANSI standard flange.

热电偶接线图 Thermocouple wiring diagram

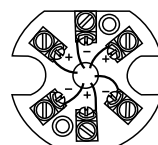
单支
Single



双支
Dual

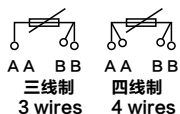


叁支
Treble

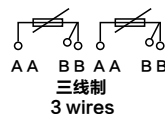
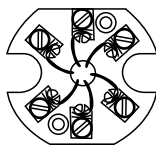


热电阻接线图 Thermal resistance wiring diagram

单支
Single



双支
Dual



双支
Dual

