

裂解炉专用热电偶

Special Thermocouple for Cracking Furnace

产品概述

Product Overview

裂解炉专用热电偶主要用于测量乙烯裂解炉出口温度。采用特殊结构，使之紧贴于裂解炉管内侧，同时又不影响物料流动。代替进口产品广泛用于乙烯装置。

Special Thermocouple for Cracking Furnace The special thermocouple for cracking furnace is mainly used to measure the outlet temperature of ethylene cracking furnace. A special structure is used to make it close to the inside of the cracking furnace tube without affecting the material flow. It mainly replaces imported products and is widely used in ethylene plants.

产品特点

Product Features

测量端采用V型设计不影响物料流动，使用激光熔覆堆焊ZK825H钨钴合金材料，增强使用寿命；带隔热设计，确保测量温度稳定。

The V-shaped design of the measuring end does not affect the material flow, and the laser cladding surfacing ZK825H tungsten drill alloy material is used to enhance the service life. In addition, the thermal insulation design ensures a stable measurement temperature.

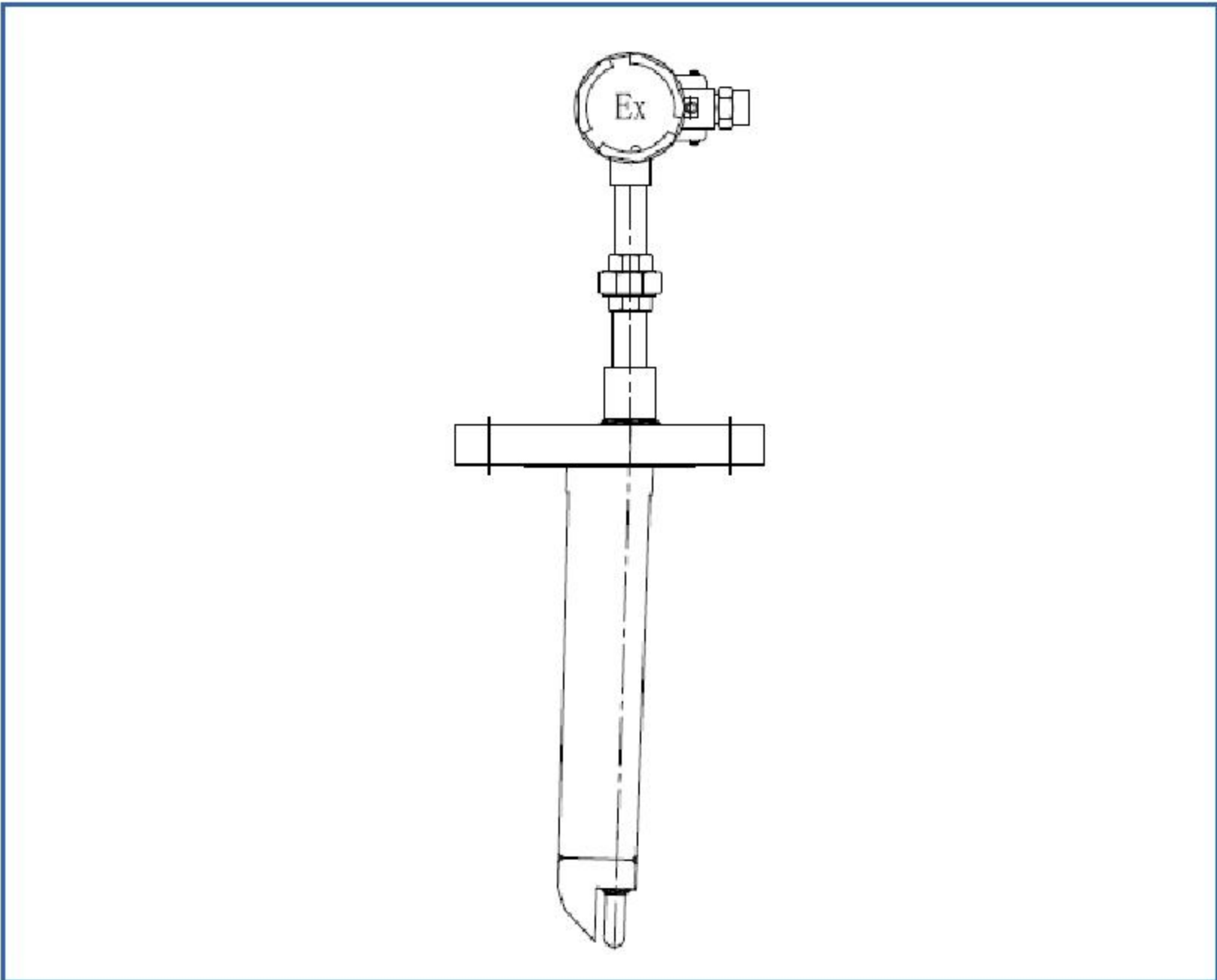
测温范围及允差

Temperature measurement range and tolerance

型号 Model	分度号 Graduation	测温范围 °C Temperature measurement range	允许偏差 Allowable deviation
WRN-440	K	-200~200	I级 (±1.5°C或±0.4% t) II级 (±2.5°C或±0.75% t)

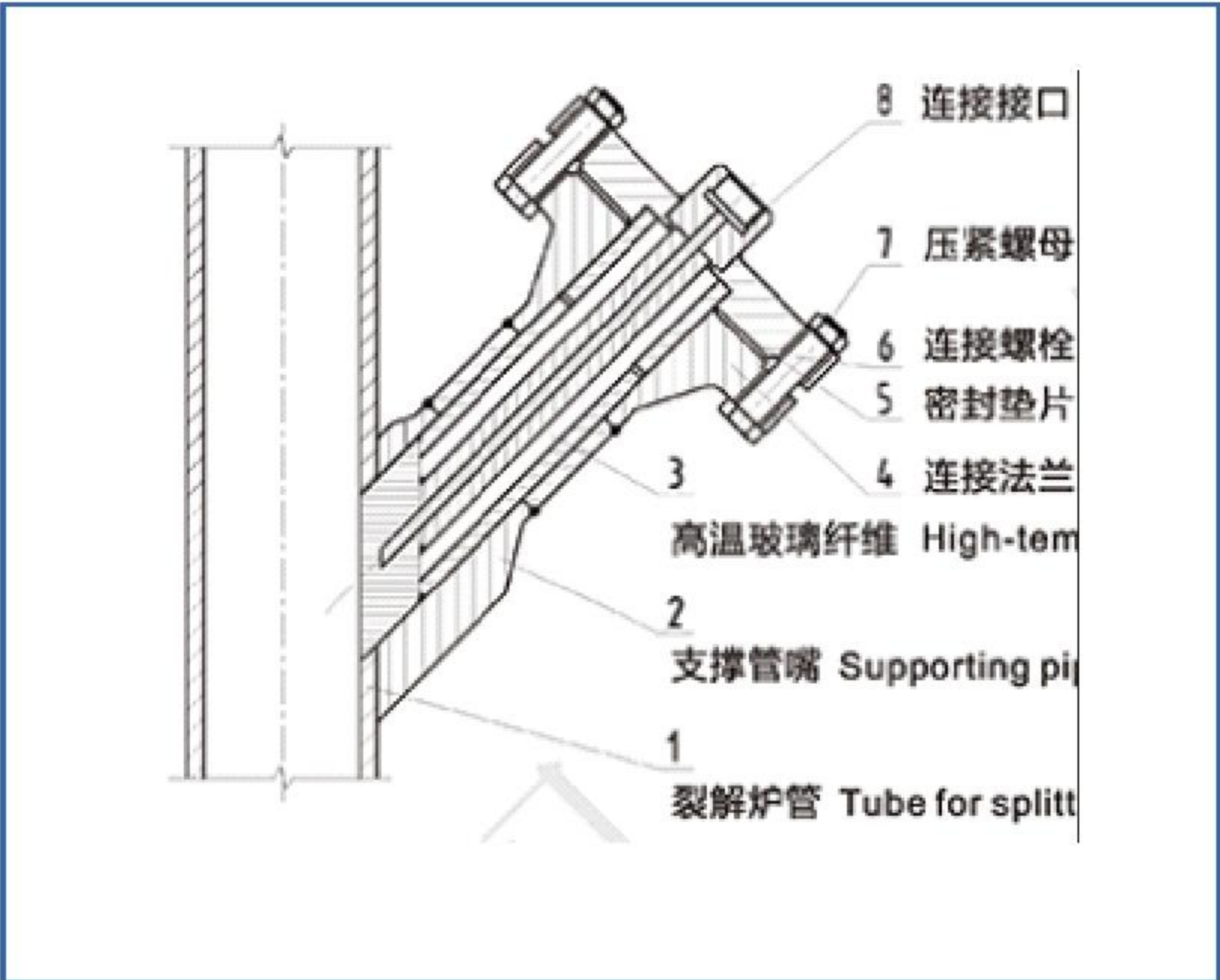
结构示意图

Structure diagram



安装示意图

Installation diagram



裂解炉表面热电偶

Surface Thermocouple for Cracking Furnace

产品概述

Product Overview

适用于乙烯裂解炉COT表面测温，保护管折弯成夹角与管道焊接，另外验收段保护管同热电偶一起连接保护管上并成一定的夹角，延伸段保护管长度加长，能保护接线盒内不被现场高温烧坏。

Suitable for temperature measurement of COT surface in ethylene cracking furnace. The protection pipe is bent at an Angle and welded to the pipe. In addition, the protection tube in the acceptance section is connected with the thermocouple on the protection tube and forms a certain Angle, and the length of the protection tube in the extension section is lengthened, which can protect the junction box from being burned by high temperature on site.

测温范围及允差

Temperature measurement range and tolerance

型号 Model	分度号 Graduation	测温范围 °C Temperature measurement range	允许偏差 Allowable deviation
WRN-140 WRN2-140	K	-200~200	I级 (±1.5°C或±0.4% t) II级 (±2.5°C或±0.75% t)

安装示意图

Installation diagram

