

# 带电伴热装置的磁翻柱液位计

## MAGNETIC LIQUID LEVEL GAUGE WITH ELECTRICAL HEATING EQUIPMENT

### 概述 INTRODUCTION

电伴热装置采用德国先进的电热带伴热技术, 它广泛使用于石油、化工、电力、冶金及其它部门的管道、阀门、贮罐、液位计、反应塔等工业装置和场所的防冻、防凝、保温和伴热。具有使用方便, 安全防爆、自限温度等优点。

电热带与传统的蒸气、热水伴热比较: 1、装置简单, 发热均匀, 温度准确, 反应快可以远控及遥控便于实现自动化管理。2、可靠性高: 具有防爆、防火及全天候工作性能、使用寿命长、传输无泄漏, 不污染环境。尤其适合液位计的电伴热装置。

一般情况下液位计的电热带伴热不需使用温度控制器, 若对液位计的伴热温度需较精确的控制, 可采用电热带温度监控器。防爆等级: Ex edIICT6。

The electrical heating equipment uses advanced electrothermal strip heating technology from Germany, and the equipments have been widely applied to proof frost, proof freeze, heat preservation and heating in conduits, valves, storage tanks, liquid level gauges and reactor vessels etc. industrial equipments and occasions in the fields of petroleum, chemical, electric power, metallurgy and other departments. Easy to use, safe and explosion-proof, and temperature can be self-limited.

The electrothermal strip has following advantages in compare with traditional steam and hot water: 1. Simple in structure, uniform in heating, exact in temperature, quick in reaction and can be remotely controlled to realize automation. 2. High reliability; explosion-proof, fire proof and weather proof; long in operation life, no leaking in transmission, not polluting environment. It is especially suitable for liquid level gange.

Generally, temperature monitor is not necessary. If the temperature needs to be controlled precisely in level gauge, electrothermal strip temperature monitor can be used. The explosion-proof classification is EEx edIICT6.

### 主要技术参数

#### MAIN TECHMICAL PARAMETER

BSTW温度监控器 temperature monitor

防护等级 enclosure classification: IP65

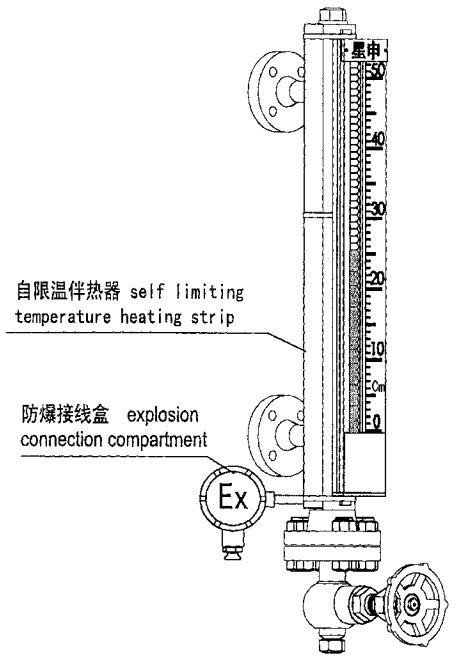
防爆标志 explosion proof classification: EEx ed II CT6

供电电源 power supply: 220VAC

环境温度 ambient temperature: -20~65 °C

开关容量 contact capacity: 16A NC, AC250V

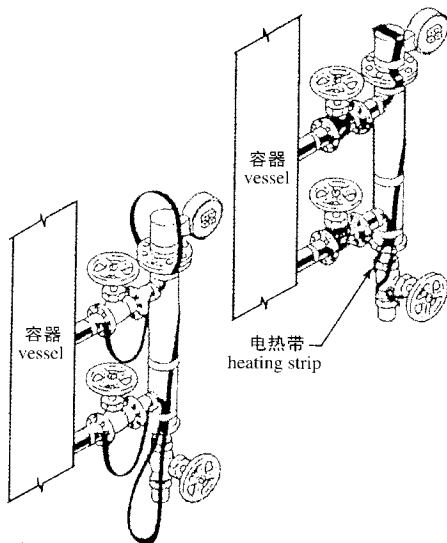
控制范围 controlling range: -20~120 °C 可调adjustable



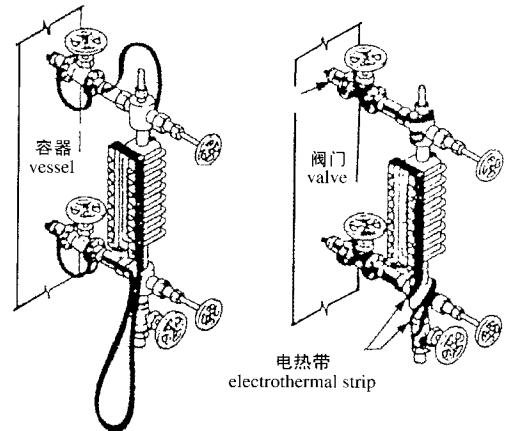
毛细管 capillary: 标准长度1m, 管直径1.5mm, 传感器直径5mm standard length 1m, diameter of tube is 1.5mm, and diameter of sensor is 5mm.

毛细管及传感器材质 material of capillary and sensor: 不锈钢 0Cr18Ni2Mo2Ti

外形尺寸 outline dimension: 122 × 120 × 90mm



带电伴热装置的液位计  
Liquid level gauge with electrical heating equipment



带电伴热装置的液位计  
Liquid level gauge with electrical heating equipment

