

小罐多功能智能终端

Monitoring for Small Volume Container



型 号
TYPE
TTC 420

PRODUCT INTRODUCTION

产品介绍



罐程 TTC420 是一款适用于小型储罐的多功能数字传感器。该装置可精确感知介质温度、压力及装载量，并还可以通过仪表盘直观显示各个监控参数。

它不仅是一个多功能传感器，还能充当数据记录仪，内置可存储 5 万条数据的存储器，几乎可以记录全年的罐内数据。通过建立 WiFi 连接，手机 APP 可以轻松下载数据。您还可以获取设备位置信息，并通过 4G 通讯模组将数据传输至云平台。这可以帮助您更好地管理您的资产，使您的运营更加透明和安全。

TTC 420 is a multi-functional intelligent terminal suitable for small volume container. The device allows users to accurately measure cargo temperature, pressure and loading, and can also visually display various monitoring parameters through the dashboard.

Not only is TTC 420 a sensor but also a data logger too, with the ability to record and store 50,000 pieces of data (equivalent to 1 year's data), which can easily be downloaded over a WiFi connection using the App. The physical tank GPS location can also be retrieved in addition to all logistical data being transmitted to the cloud through 4G communications. This aids fleet management by tracking your asset, making them even more transparent and ultimately safer in service.

产品性能优势



- ◆ 监控数据本地可视化
- ◆ 全球所有运输设备的最新动态
- ◆ 货物的温度、压力、液位监控
- ◆ 防损、追查损坏原因
- ◆ 自动生成质量和性能证明
- ◆ 提高储罐利用率和运输载体可用性
- ◆ 集成式产品设计，通过工艺优化节省总成本
- ◆ 模块化解决方案带来投资安全

EQUIPMENT ADVANTAGES



- ◆ Local visualization of monitoring data
- ◆ Immediate fleet asset tracking, worldwide, at any time
- ◆ Monitoring of temperature, pressure and liquid level
- ◆ Allows for traceability and identification of tank impact damage
- ◆ Automatically generated quality and performance documents
- ◆ Easily identify equipment availability and increase tank utilisation
- ◆ Integrated product design saves total cost through process optimisation
- ◆ Investment security thanks to modular solutions

技术参数

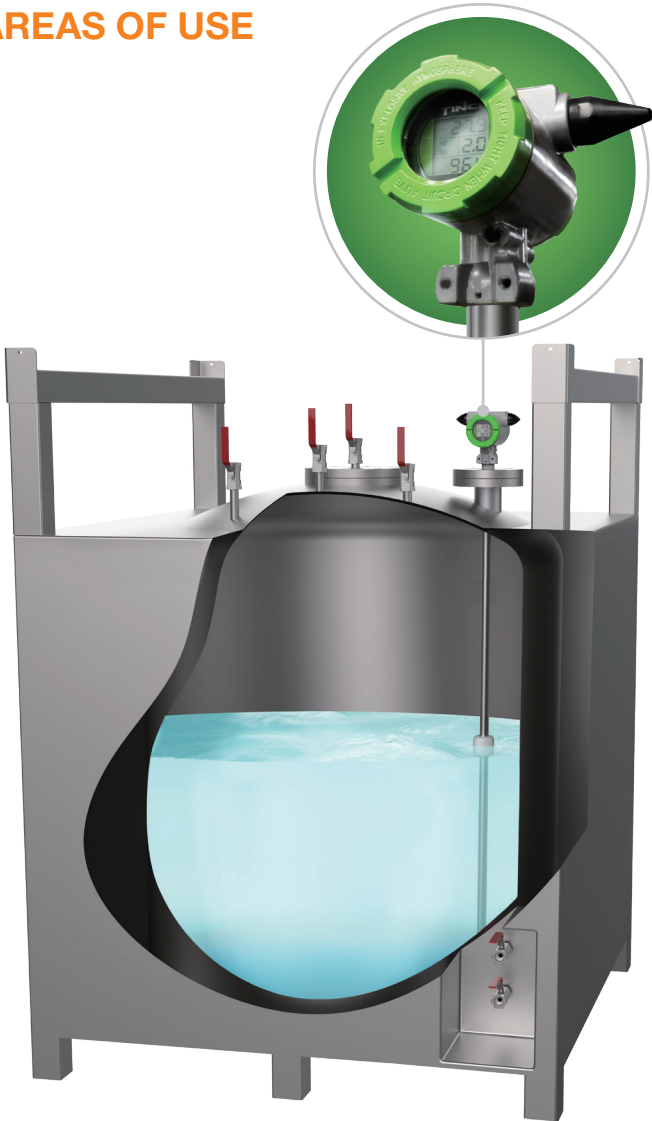
TECHNICAL SPECIFICATION



物理特性		PHYSICAL	
外壳材质	铸铝喷塑	Shell Material	Cast aluminium sprayed with plastic
传感器材质	传感器：SUS 316L 浮球：PVDF	Sensor Material	Sensor: SUS 316L Float: PVDF
保护等级	IP66	Protection class	IP66
工作温度	-40 ° C 至 85 ° C	Operating Temperature	-40°C ≤ Tamb ≤ +85°C
通讯接口		COMMUNICATION	
近场通讯	WiFi	Wireless Network	WiFi
远程通讯	4G, Worldwide LTE 集成 SIM 芯片，可在全球范围内进行通信	Communication	4G, Worldwide LTE Integrated SIM-chip for worldwide communications
性能		PERFORMANCE	
电源	7.2V 电池供电	Power supply	7.2V battery
温度监控	-40°C~120°C, ±0.2°C	Temp Parameter Detection	-40°C~120°C, ±0.2%F.S.
压力监控	0~4bar, 0~10bar, 0.5%FS	Pressure Detection	0~4bar, 0~10bar, 0.5%F.S.
液位监控	0~130cm ±2cm，液位高度可以定制	Liquid Level Detection	0~1300mm (customized), ±1.0%F.S.
定位	GPS/A-GPS	Location	GPS/A-GPS
数据记录	50000 条	Data Storage	50000

应用场景

AREAS OF USE



货物性能记录
Tank container performance recording



温度监测
Temperature monitoring



压力监测
Pressure monitoring



液位监测
Liquid level monitoring

