

远传压力表

Digital Remote Transmission Pressure Gauge

产品概述 Product Overview

数字远传压力表可选4-20mA或RS485远传信号，该系列远传表采用四位数字显示，实时显示压力，同时压力信号可远传，传输距离优于500米。

该系列数字远传压力表内置压力传感器，功能强大，用户可自行更换压力单位、校准零位误差、修正滤波常数等。采用304不锈钢外壳及接头，防水电缆出线，防水等级IP65，具有非常广泛的介质适用性。

该产品可用于替代传统的指针式远传压力表或者压力变送器。

The Digital Remote Transmission Pressure Gauge offers the option of 4-20mA or RS485 remote transmission signals. This series of remote transmission gauges use a four-digit digital display to show real-time pressure readings. The pressure signal can be transmitted remotely, with a transmission distance of over 500 meters.

The series of digital remote transmission pressure gauges come with a built-in pressure sensor, offering powerful functionalities. Users can change the pressure units, calibrate zero errors, and adjust the filtering constant on their own. The gauge features a 304 stainless steel casing and connectors, waterproof cable outlets, and has an IP65 waterproof rating. It is highly versatile and compatible with a wide range of media.

This product can be used as a replacement for traditional pointer-style remote transmission pressure gauges or pressure transmitters.



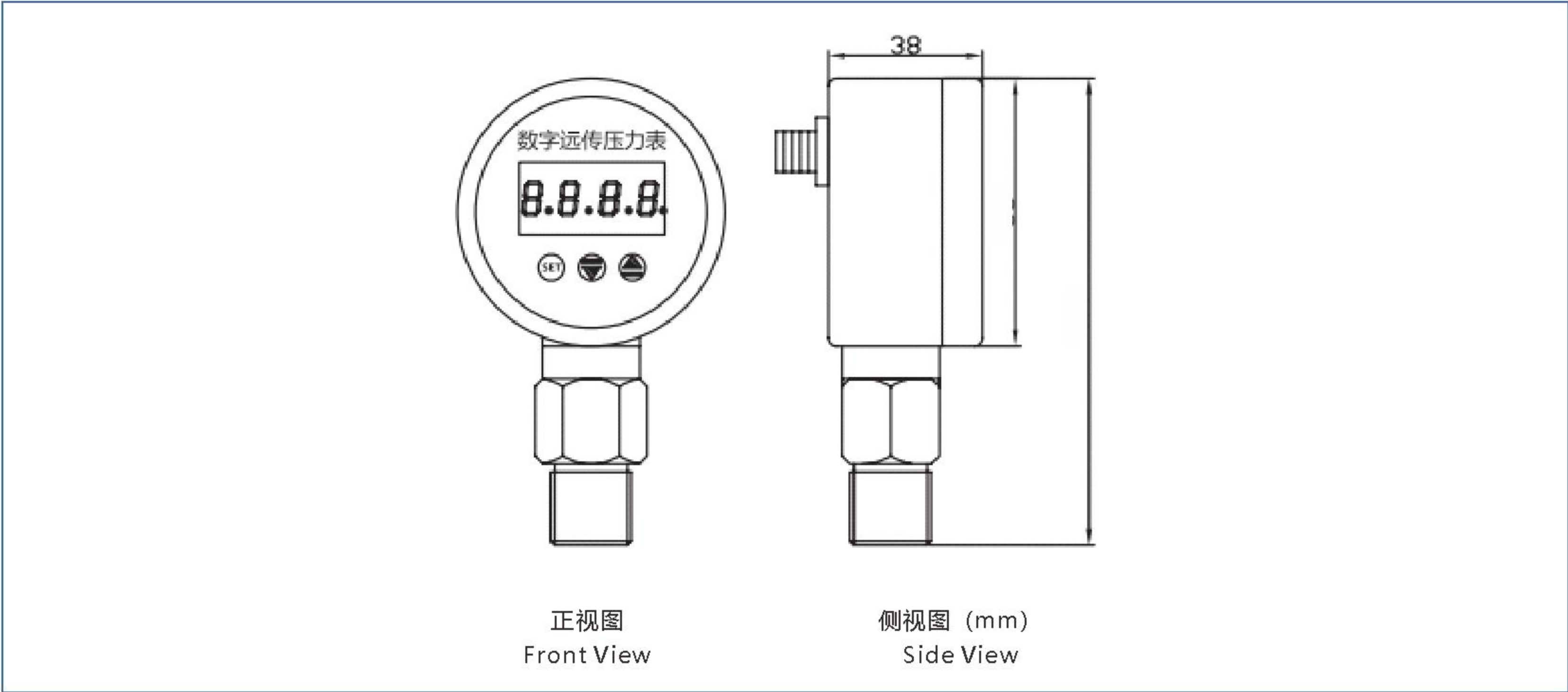
技术特点 Technical Features

- 四位数字显示压力；
- 4-20mA, RS485输出可选；
- 产品稳定性好，抗电磁干扰设计；
- 多种压力单位切换，误差清零功能；
- 温度范围宽，适合绝大多数介质。
- Four-digit digital display for pressure readings.
- Optional output signals: 4-20mA and Rs485.
- Excellent stability and designed to resist electromagnetic interference.
- Capability to switch between multiple pressure units. Error clearing function for accurate measurements.
- Wide temperature range, suitable for a variety of media.

产品应用 Product Applications

- 设备自动化;
 - 医疗设备;
 - 变频供水;
 - 气动及液压系统。
- Device Automation.
 - Variable Frequency Water Supply.
 - Medical Equipment.
 - Pneumatic and Hydraulic Systems.

产品尺寸 Product Dimensions



技术参数 Main Technical Specifications

量程 Measurement Range	负压及复合量程: -0.1~-0.01~0.01~0.1~1MPa 微压: 0-5/10/16/25/40/60/100kPa 常规: 0-0.25/0.6/1/1.6/2.5/4MPa 高压: 0-6/10/16/25/40/60MPa Negative and Compound: -0.1~-0.01~0.01~0.1~1MPa Micro Pressure: 0-5/10/16/25/40/60/100kPa Standard: 0-0.25/0.6/1/1.6/2.5/4MPa High Pressure: 0-6/10/16/25/40/60MPa
过载压力 Overload Pressure	<10MPa, 200%; ≥10MPa, 150%
显示窗 Display Panel	LCD液晶屏 LCD Liquid Crystal Display
响应时间 Response Time	≤2ms
精度等级 Accuracy Grade	0.5%FS 0.2%FS
长期稳定性 Long-term Stability	0.5%FS/年year
供电电压 Power Supply Voltage	12-28VDC

输出信号 Output Signal	4-20mA RS485
工作温度 Operating Temperature	-20 ~ 80℃
电气保护 Electrical Protection	抗变频干扰设计 Anti-frequency interference design
防护等级 Protection Level	IP54
测量介质 Measuring Medium	对不锈钢无腐蚀性的气体或液体 Non-corrosive gas or liquid compatible with stainless steel
压力接口 Pressure Interface	M20*1.5,G1/2,G1/4,ZG1/4,1/4NPT(其他可定制 others can be customized)
壳体材质 Shell Material	304不锈钢 304 Stainless Steel

选型指南

Selection Handbook

