



TIANSHUI HUATIAN SENSOR

CYB0505 Digital Display Pressure Switch



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CYB0505

## 1 Introduction

CYB0505 digital display pressure switch is a measuring instrument integrating pressure measurement, display and alarm. The product is displayed with 4-digit LED digital tube, and after linear compensation, signal amplification and signal processing, it can output industrial standard 4-20mA signal.

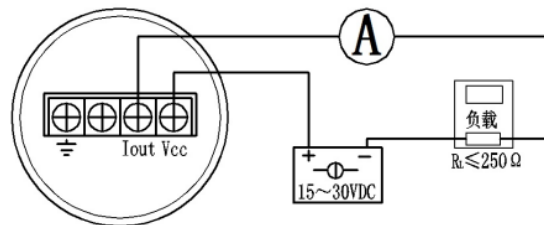
## 2 Application

This type of products is used in petroleum, chemical, metallurgy and other fields.

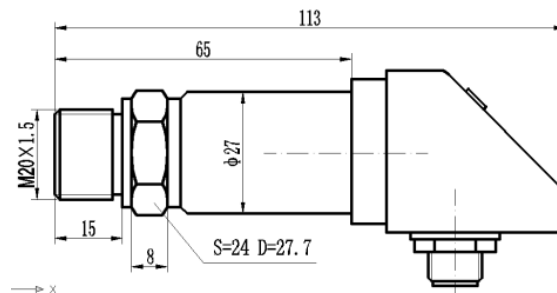
### 3 Technical Indicators

Range	(0 ~ 150) MPa	
Output signal (mA)	4 ~ 20	
Accuracy	0.25	0.5
Temperature drift (%FS/°C)	0.025	
Operating voltage (VDC)	+12 ~ +30 (calibration value is + 24)	
Compensation temperature (°C)	0 ~ +50 (<200KPa) -10 ~ +60 (>200KPa)	
Operating temperature (°C)	-30 ~ +60	

### 4 Electrical Connection



### 5 Model and Outline Drawing



### 6 Precautions

- 6.1 Ensure the fluidity of the measured medium.
- 6.2 To ensure accuracy, large range and small range transmitters cannot be used in place of each other.
- 6.3 After opening the transmitter front and back cover operation, the front and back cover needs to be tightened to avoid moisture entering the housing and causing damage to the transmitter.
- 6.4 Transmitters should be installed perpendicular to the mounting bracket, the measurement point and the installation position should be at the same level.
- 6.5 Transmitter to avoid installation in an environment of strong mechanical vibration. Need to close the gas (liquid) pipeline valve before installation.
- 6.6 Transmitters are installed in places with lightning protection devices and ensure good grounding to prevent damage to the transmitter.