



## KYB18D Series Differential Pressure Transmitters

### Description

KYB18D change the pressure of measured medium into a standard electrical signal output by using the foreign famous brand pressure sensor with high accuracy and high stability, with high reliability back-end amplification circuit and processing circuit.

### Applications

Industrial process pressure and flow measurement  
Pipes and furnace pressure measurement  
Petroleum, chemical industry  
Dust in the field of environmental protection

### Features

- ◆ Gases and liquids can be measured, wide range of applications
- ◆ Wide measurement range, high accuracy
- ◆ High stability, high reliability
- ◆ Overall compact, rugged structure
- ◆ Customized available

### Specifications

Parameter	Value
Measure Media	liquids, gases or vapors compatible with 304 stainless steel
Pressure Range	0~1.7MPa (minimum 0~50KPa)
Static Pressure	≤10MPa
Combine Accuracy	±0.25% FS, ±0.5% FS
Operating Voltage	14~36VDC, standard 24VDC±5%, ripple< 1%
Output	4 ~20mA (2-wire)
Medium Temperature	-10~70°C
Temperature Effect	±2.5% FS (0.25 level), ±5.0% FS (0.5 level)
Stability	±0.25% FS / year (0.25), ±5.0% FS / year (0.5)
Pressure Over-loaded	2 X

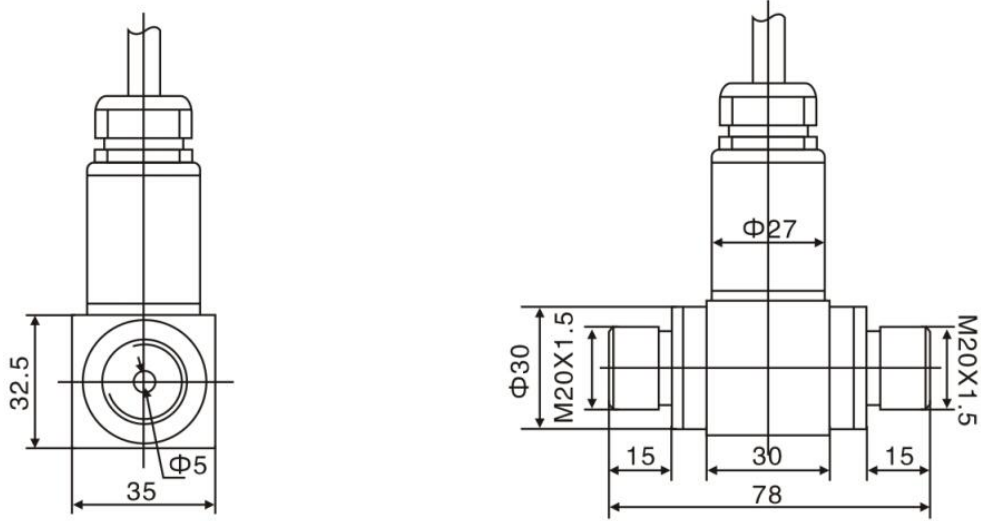


### Application Description

High quality sensors, exquisite package technology and perfect assembly process ensure the products of high quality and excellent performance. The product is very convenient to install and can directly measure gas or liquid, especially suitable for the pipeline and differential pressure measurement, fume, fan equipment, etc.



## Product Diagram



Xinhui KangYu Control Systems Engineering, Inc.

Guifeng Hightech Village, Ximen Rd., Xinhui District, Jiangmen City, Guangdong 529100, P.R. China

Tel: 86-750-6318857 Fax: 86-750-6318900 E-mail: [sale@chinakangyu.com](mailto:sale@chinakangyu.com) Website: [www.chinakangyu.com](http://www.chinakangyu.com)