



KYB11 Pressure Transmitter

Description

KYB11 use famous brand high-precision, high stability pressure sensor, amplified by the back-end processing circuits and high reliability, the pressure measured medium into a standard electric signal output. High-quality sensors, superb packaging technology and improve the assembly process to ensure high quality and excellent performance of the product.

Applications

Detection equipments

Medical Devices

Furnace pressure detection

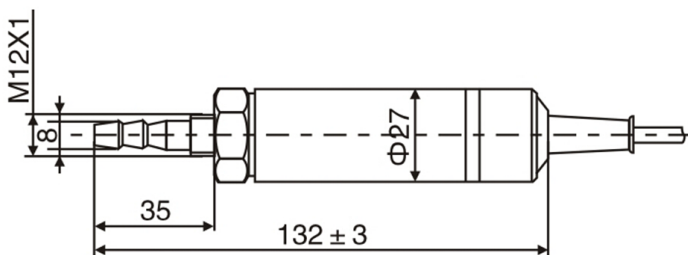
Dust in the field of environmental protection

Features

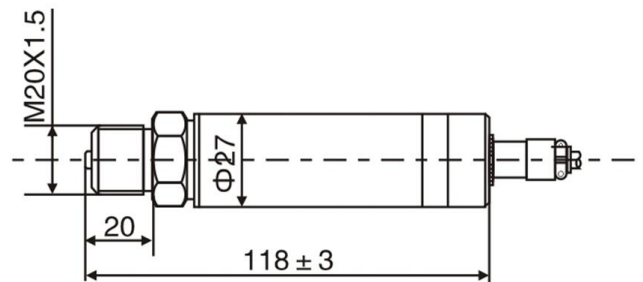
- ◆ High accuracy
- ◆ Measuring dry clean gas
- ◆ Good stability, high reliability
- ◆ Overall compact, rugged
- ◆ Matching can be customized



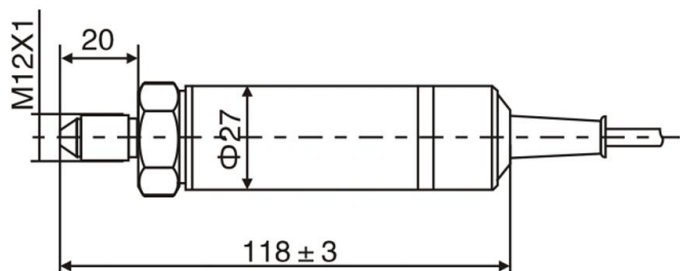
Dimension



Cable Type (Φ8 Gas nozzle interface)



Aviation joints Type (M20×1.5 Interface)



Cable Type (M12×1 Interface)



Specifications:

Supply Voltage	14~36VDC (2-wire) ,12~36VDC(3-wire) (Standard Voltage: 24VDC $\pm 5\%$, Ripple < 1%)
Media	Non-corrosive, non-dust, dry gas
Pressure Range	any range within 0~100KPa (Minimum range: 0~1KPa)
Medium temperature:	-10~70°C
Output	4~20mA (2-wire) ;0~5VDC (3-wire)
Error in normal temperature	$\pm 0.25\%$ FS, $\pm 0.5\%$ FS, $\pm 1.0\%$ FS
Error in working temperature range	$\pm 1.5\%$ FS($\pm 0.25\%$ FS in normal); $\pm 3.0\%$ FS($\pm 0.5\%$ FS in normal); $\pm 5.0\%$ FS($\pm 1\%$ FS in normal);
Error in time drift:	$\pm 0.25\%$ FS/year ($\pm 0.25\%$ FS in normal) ; $\pm 0.5\%$ FS/year ($\pm 0.5\%$ FS in normal) ; $\pm 1\%$ FS/year ($\pm 1\%$ FS in normal) ;
Overload pressure	2 X
Ingress protection	IP65
※ Notes: If the measurement gases containing dust or moisture, please make a special note when ordering, we can provide dust-dry filter.	

Application Description

The product has a variety of interfaces outlets to satisfy the needs of customers, especially suitable for various testing equipments, medical equipments, furnace pressures, dust and other environmental protection unit equipments.

How To Order

KYB-11 **G** **03** **M1** **P1** **C2** - II

Pressure Mode

- A** Absolute Pressure
- G** Gage Pressure

RANGE

Code	Range	Accuracy
01	1KPa-2.5KPa	±1.0%
02	2.5KPa-7KPa	±0.5%
03	7KPa-35KPa	±0.25%
04	35KPa-100KPa	

Output

- M1** 4-20mADC
- V** 0-5VDC

Pressure Connection

- P1** M12×1 external thread
- P2** M20×1.5 external thread
- P7** Φ8 Gas nozzle (With M12×1 Mounting thread)
- Px** Customized

Connection

- C1** Aviation plug
- C2** Cable(standard length 1m)
- C3** Hirschmann Connector

KYB11G03MIP1C2-II (0-20KPa)