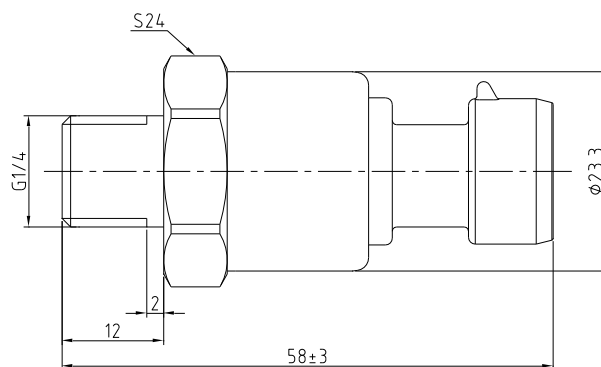




KYAB03WL Series Reducing Valves Pressure Sensors



Products Diagram

Description:

KYAB03 series pressure sensors use imported special steel and special all-metal package, with high reliable amplified compensated circuits, change the media pressure into standard electrical signal. High-quality sensing element, super packaging technology and perfect assembly process ensure high quality and excellent performance. There are a variety of interface ports and cables out to satisfy the needs of customers. Operating temperature range -40~125°C. They are mainly used to measure various pressures in automobile, air conditioners and other related pressures monitoring systems.

Applications:

CNG、LNG、LPG gas pressure Motor oil pressure
HVAC / R air conditioning and refrigeration
Automotive brake pressure
Industrial process measurement and control
Pressure on other non-corrosive liquids or gases

Features:

- ◆No O-ring, leakage and over-loaded performance is better than ceramics, Strain gauge and other principle products
- ◆Multi range available
- ◆High Accuracy, stability and reliability
- ◆Good corrosion-proof
- ◆Digital compensated, excellent temperature characteristics
- ◆Reverse protection, short circuit protection;



◆ Small size, compact appearance, cost-effective

Specifications:

Parameter	Value	Units
Operating Voltage	5/12/24	VDC
Thread Port	G1/4 or customized	—
Media	Clean gas or liquid	—
Pressure Range	0~26 or customized	MPa
Performance guarantee pressure	40	MPa
Burst Pressure	60	MPa
Output Voltage	0.5~4.5	VDC
Error in normal temperature	±1	%FS
Error within operating temperature	±3	%FS
Operating Temperature	-40~125	°C
Storage Temperature	-40~125	°C
Operating Current	<10	mA
Long-term Stability	±1	%FS/year
Insulation Resistance	>50	MΩ/50VDC
Response Time	2	ms

Application Description:

Mainly use to detect the cylinder gas pressure, and shows directly the remaining amount of pressure through the supporting the display meter, to remind drivers refilling.

Application Picture:





Gross Weight: 60g

Net Weight: 57g

KYDS01 Digital Meter (Optional accessories)

Description

KYDS01 digital meter supporting the reducing valve pressure sensor, converts the input voltage signal into the pressure value, visually display on the LCD.

Specifications

Power Supply:12VDC

Display Error: 0.2Mpa

Operating Temperature: -20~80°C

LCD Display: 8.8.8

Input Voltage: 0.5~4.5V (or customized)

Display Range: 0~25Mpa(or customized)



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 Website: www.chinakangyu.com