



KYB2003L Pressure Transmitter Dedicated to LNG

Description

KYB2003L use the high-precision, high stability pressure sensor of famous brand, amplified by the back-end processing circuits and high reliability, the pressure measured medium into a standard electrical signal output. This series production adopt the special signal conditioning circuit and the new packaging technology, not only ensure the high precision, at the same time broaden the working temperature range so that it has the high performance. Especially suitable for a variety of CNG, LNG tank equipment for a complete set of application.



Applications

Vehicle CNG, LNG cylinders, tank, propellant pipeline pressure measurement

Features

- ◆ High measurement accuracy
- ◆ Wide temperature range of use
- ◆ Good stability, high reliability
- ◆ Overall compact, rugged
- ◆ Can be customized according to the users requirements

Specifications

Product Type	Diffused silicon pressure transmitter
Media	Clean gas or liquid
Range	0~4MPa
Supply Voltage	10~30V
Output	4~20mA
Error in normal temperature	±0.5%FS
Overload pressure	6MP
Breakdown pressure	8MPa
Ingress protection	IP65/IP67 (Waterproof plug)
Electrical connection	Aviation connector, Hirschmann connector, customized



Ordering Information

KYB2003	Pressure Transmitters		
L	LNG field dedicated		
Code	Range		Error in normal temperature
	Minimum measuring range	Maximum measuring range	
01	0~2MPa	0~4MPa	±0.5%
02	0~5MPa	0~7MPa	±0.5%
03	0~7MPa	0~10MPa	±0.5%
04	0~10MPa	0~20MPa	±0.5%
05	0~20MPa	0~35MPa	±0.5%
06	0~35MPa	0~60MPa	±0.5%
07	0~60MPa	0~100MPa	±0.5%
M1	4~20mA		
V	0~5V		
V1	0.5~4.5V		
V2	0~10V		
VX	User defined		
P2	M20×1.5 external thread		
P3	NPT1/4 external thread		
P4	G1/4 external thread (Dedicated to more than 20 Mpa range)		
Px	User defined (subject to conversion connector)		
C1	Aviation connector		
C2	Cable (Standard length 1M)		
C3	Hirschmann connector		
CX	User defined		
-I	New type (must choosen)		
	Calibration range by user		

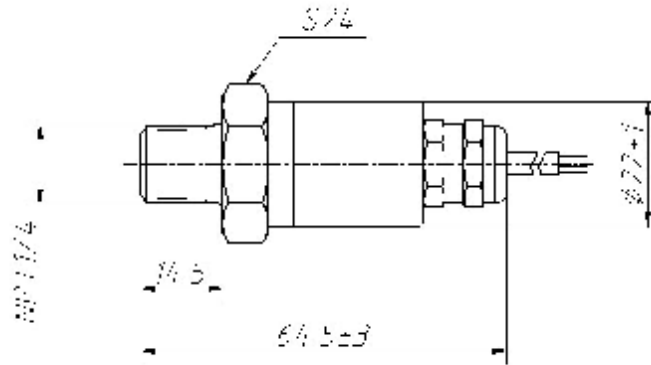
KYB2003	L	01	M1	P2	C2	-I	(0~1MPa)
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Application Description

KYB2003L is installed in vehicle LNG cylinders intelligent liquid level measurement system, and it's used for measuring the LNG tank pressure value.



Dimension



Application Picture



Gross weight

Net weight: 0.18kg

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