



Standard Pressure Transmitter ---KYB2003

Description

KYB2003 series pressure transmitter selects the high accuracy and high stability pressure sensor of the foreign famous brand, and the pressure of the measured medium is converted into the standard electric signal output through the high reliable back end amplification processing circuit. This series of products using a special signal conditioning circuit and new packaging technology, both to ensure high accuracy, while widening the range of working temperature, with a high price, especially suitable for engineering machinery, hydraulic and pneumatic devices and other equipment application.



Features

- Good accuracy
- Use the temperature range wide
- High stability, high reliability
- Compact appearance, strong structure

Application

- Hydraulic and pneumatic control systems
- road construction machinery
- heat exchange unit
- pure water treatment equipment
- environmental protection equipment unit

Parameters

Medium	Compatible with 304 stainless steel in a variety of liquids, gases or vapors
Range	0~100MPa (Min 0~50KPa)
Accuracy	±0.5%FS、±1.0%FS
Error	±0.5%FS
Power	10~30VDC ; 5±0.1VDC
Output	4~20mADC (2 Wires)、0~5VDC (3 Wires)、 0.5~4.5VDC (3 Wires, Proportional output)
Temperature	-20~85℃
Temp Effect	±3.0%FS
Stability	±0.25%FS/year
Overload	2X Range
Protection Class	IP65

How To Order

KYB-2003

G 04

M1

P2

C2

- II

G Gage Pressure

Range

Code	Range	Accuracy
01	50KPa-100KPa	±0.5%
02	100KPa-400KPa	
03	400KPa-600KPa	
04	600KPa-2MPa	
05	2MPa-4MPa	
06	4MPa-6MPa	
07	6MPa-10MPa	
08	10MPa-16MPa	
09	16MPa-20MPa	
10	20MPa-60MPa	
11	60MPa-100MPa	

Output

M1 4-20mADC

V 0-5VDC*

V1 0.5-4.5VDC

Pressure Connection

P2 M20×1.5 external thread

P3 NPT1/4 external thread

P4 G1/4 external thread (more than 20MPa only)

Px Customized (Increase adapter)

Connection

C1 Aviation plug

C2 Cable (standard length 1m)

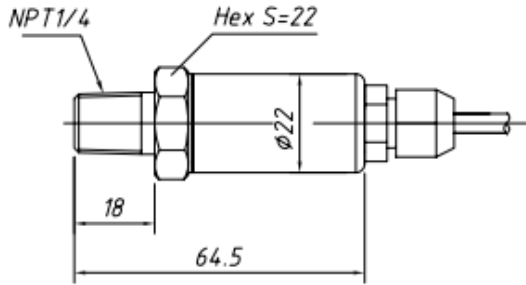
C3 Hirschmann Connector

KYB2003G04M1P2C2-I (0-1MPa)

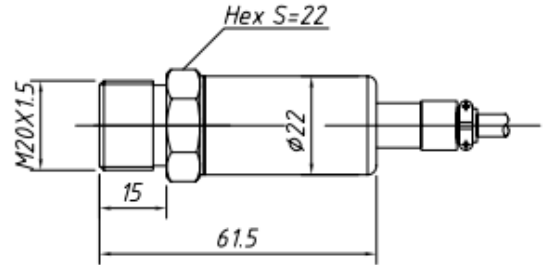


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Structure size



Cable



Aviation plug

Gross Weight: 133G

Net Weight: 128G