

High Temperature And Low Pressure Pressure Transmitter

Model: ZJX-PA-A1-N1



PRODUCT FEATURES AND APPLICATION FIELDS

Description:

The ZJX-PA-A1-N1 high temperature and low pressure pressure transmitter, using high-temperature pressure sensors as signal measuring elements, and the transmitter structure adopts a heat dissipation structure.

Features:

- Multiple electrical interfaces available
- Multiple measurement methods can be selected
- The temperature error is very small

Advantages:

- The sensor consists of a titanium alloy pressure sensing and measuring diaphragm
- The components have excellent elasticity and insulation with high accuracy and stability
- Even at high temperatures it has excellent working characteristics
- Support OEM/ODM customization

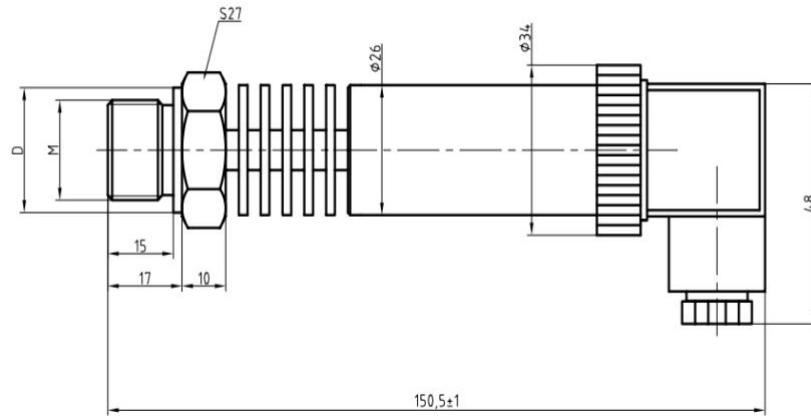
Application:

- Petrochemical industry
- Laboratory equipment
- Aerospace
- Metallurgy
- Power plant
- Environment protection

PRODUCT PARAMETERS


| | |
|-------------------------|-------------------------------------------------------------------------------------------|
| Measuring Range | -1~0~600bar |
| Pressure Mode | Absolute pressure, gauge pressure, negative pressure |
| Output/Communication | 4-20mA,0-5V,0.5-4.5V,0-10V,RS485 |
| Accuracy | 0.25%F.S, 0.5%F.S |
| Power Supply | 10~30V DC |
| Process Connector | G1/4,G3/8,G1/2,G3/4,G1 inch,1/4"NPT,1/2"NPT,R1 inch,Customizable |
| Electric Connection | DIN43650 Hirschmann Connector, IP65; M12 4 Pins connector, IP67; Direct lead, IP68; |
| Working Temp | -20~80°C, -20~180°C (High Temperature Type) ; |
| Overload Pressure | 150%FS |
| Contact Medium Material | 304 stainless steel, 316L stainless steel, PTFE, PVDF, Hastelloy alloy, Customizable |
| Response Time | ≤10ms |

OVERALL DIMENSIONS



PRODUCT CONNECTION MODE

Angular connector DIN 175301-803 C

| | | 2-wire | 3-wire |
|-------------------------------------------------------------------------------------|----------------|--------|--------|
|  | U _B | 1 | 1 |
| | 0V | 2 | 2 |
| | S+ | - | 3 |

PRODUCT SELECTION TABLE

| Code | | | | | | | | |
|--------------|--------------------------------------------------------|---------------------------|-------------------------------------------|----|----|----|---|------------------|
| ZJX-PA-A1-N1 | High Temperature And Low Pressure Pressure Transmitter | | | | | | | |
| | Code | Pressure Mode | | | | | | |
| | G | Gauge Pressure | | | | | | |
| | A | Absolute Pressure | | | | | | |
| | | Code | Pressure Range | | | | | |
| | | Fill In The Actual Demand | -1~0~600bar | | | | | |
| | | Code | Output/Communication | | | | | |
| | | O1 | 4-20mA | | | | | |
| | | O2 | 0-10V | | | | | |
| | | O3 | 0-5V | | | | | |
| | | O4 | RS485 | | | | | |
| | | O5 | Customizable | | | | | |
| | | Code | Process Connection | | | | | |
| | | S1 | G1/4 | | | | | |
| | | S2 | G3/8 | | | | | |
| | | S3 | G1/2 | | | | | |
| | | S4 | G3/4 | | | | | |
| | | S5 | G1 inch | | | | | |
| | | S6 | 1/4"NPT | | | | | |
| | | S7 | 1/2"NPT | | | | | |
| | | S8 | R1 inch | | | | | |
| | | S9 | Customizable | | | | | |
| | | Code | Accuracy | | | | | |
| | | C1 | 0.25%F.S | | | | | |
| | | C2 | 0.5%F.S | | | | | |
| | | C3 | Customizable | | | | | |
| | | Code | Shell Material | | | | | |
| | | T1 | 304 stainless steel | | | | | |
| | | T2 | 316L stainless steel | | | | | |
| | | T3 | PTFE | | | | | |
| | | T4 | PVDF | | | | | |
| | | T5 | Hastelloy C | | | | | |
| | | T6 | Customizable | | | | | |
| | | Code | Electrical Connection/Waterproofing Level | | | | | |
| | | H | DIN43650 Hirschmann Connector, IP65 | | | | | |
| | | M | M12 4 Pins Connector, IP67 | | | | | |
| | | L | Direct lead, IP68 | | | | | |
| ZJX-PA-A1-N1 | G | 500bar | O2 | S3 | C2 | T1 | H | Model No.Example |


ZIJUXING

HUNAN ZIJUXING TECHNOLOGY CO., LTD.

Tel: +86-731-85473669

Fax: +86-731-85473669

E-mail: postmaster@zjxsensor.com web: www.zjxsensor.com

Address: No. 319, Linyu Road, High tech Development Zone, Changsha City, Hunan Province, China