

DIGITAL REMOTE-TRANSMISSION PRESSURE GAUGE(4~20mA)

1. PRODUCT TRANSPORTATION AND STORAGE

(1). TRANSPORTATION

1. In transit, it is forbidden to over storage temperature.
2. In transit, avoid strong Vibration and strong impact.
3. In transit, keep it away from corrosive medium.

(2).STORAGE

1. The product should be kept in dry and small temperature change environment.
2. Please storage without power.
3. Keep away from corrosive medium.
4. Products are not used for a long time, and it needs to be tested before use.

(3). PRODUCT DAILY MAINTENANCE

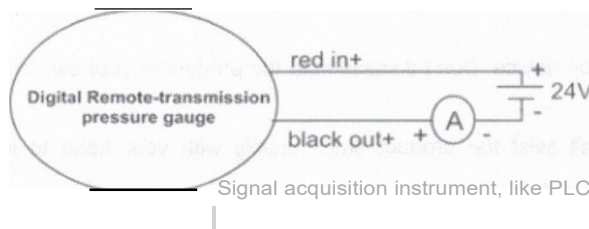
1. Please regularly check the electrical connection of the product to avoid line aging, line exposed.
2. Dew shorten the service life of the product. Please regular check to keep the operation environment dry.
3. Pressure transmitter is precision instrument equipment. It needs to be replaced regularly.

2. PRODUCT INSTALLATION

1. Environment temperature: No over the operation temperature of product. Keep small temperature change.
2. Operation temperature: The temperature of medium is not over the product operation temperature. If necessary, add pressure tube or other cooling system.
3. Installation environment: It is necessary to install product in protection box. Avoid direct sunlight and rain.
4. Installation connector: Use the suitable pressure connector.
5. Installation direction: The product pressure port is vertically installed.
6. Vibration and impact: Avoid strong vibration and strong impact.
7. Valve installation: It is suggested to install cut-off valve between the product and conduit.
8. Buffer installation: Installation in high voltage measurement, it is necessary to install pressure buffer equipment between medium and sensor.

3. PRODUCT ELECTRICAL CONNECTION

1. Output signal is 4~20mA. **125~250 Ω resistance** is suggested to adopt. The higher the resistance, the greater the deviation of the readings.
2. The cable with shielded wire is recommended. When use, please connect shielded wire to ground.
3. The farther the transmission distance, the signal will decay. After testing, the transmission distance is within 500 meters, and the parameters need not be corrected. (Testing condition: 24VDC power supply, 250 Ω resistance)



4. PRODUCT TECHNICAL SPECIFICATION

Range	-0.1~0...0.1...0.6...1...10...60MPa
Power Supply	12~30VDC (Typical:24VDC)
Output Signal	4~20mA
Accuracy	0.5%Fs
Load impedance	<5000
Operation Temperature	-20~60°C
Screw Thread	M20*1.5, G1/4", G1/2" (customized)
Display Screen	LCD
Medium	Gas or liquid (non-corrosive)
Electrical Connection	Red: in+ Black: out+

5. PRODUCT SETTING METHOD

1. Enter Setting: Long press 'SET' button for 2 seconds till show 'LOC'. Short press '▲' or '▼' to change the value, long press '▲' to shift the position, change the password (the default password is '1111'), after setting, press 'SET' to confirm and enter specification setting.

SPECIFICATION CODE DATASHEET:

CODE	NAME	DESCRIPTION
UNIT	Unit Switch	Pressure unit switch.
Filtr	Digital filtering	Default 00, (0~20) available
blt	Display digit	Decimal point digit. (0~4) available
EOO	Fullness Correction Factor	Default 1.000

(The more higher filtering value, the more stronger filtering result..)**

6. PRODUCT QUALITY SERVICE

The guarantee period of product begins from the data of delivery and lasts for ONE year. During the guarantee period, if the product itself had quality problems, we would provide free maintenance and return service.

The guarantee period of the product is 6 months which is economic models showing clearly in the contract. The content of specific quality guarantee:

1. The spare parts or components of the product are failure, but it can be operated normally after exchange. This is free to repair.
2. The spare parts or components of the product are failure, and it can't be repaired on time. We would exchange a new, same specification of qualified product.
3. The main functions of the product because of design or manufacture is not meet the requirement of the contract or the enterprise standard, the client need to return goods. We should recover the fault product and return the payment for the goods to the client.

***Disclaimer

- 1.The failure caused by the inappropriate use of product by client.
- 2.The client disassemble, repair, refit the product at own discretion.

7. ATTENTION

1. Please check the packaging, appearance, model and specification when you receive the good.
2. Please follow the above wiring method to correct the wiring, please check supply voltage and the connection before the power.
(The damage that caused by wrang connection is outside the scope of warranty.
3. Don't install the product in the power state.
4. This product has a built-in pressure sensor, belonging to precision device. Don't disassemble the product at your own discretion.
Don't touch the membrane with hard objects.
5. During installation and disassembly, please use wrench. Don't twist the product shell forcibly with your hand to install or disassembly. Otherwise, the damages you caused are outside the scope of warranty.
6. During installation, the product will be influenced by assembly stress. Finishing installation, please reset before you use it.

7. Appearing abnormal phenomenon, if you don't have the specialized equipment and technology, please contact the after-sales technical staff of the company.