

PCM101 Pressure Transmitter

Features

- Compact structure and exquisite appearance
- Digital circuit processing
- High accuracy and high stability
- Strong anti-interference and good long-term stability
- Small size, light weight, easy to install and use
- Wide pressure ranges
- Suitable for mass production, economically reliable

Applications

- Industrial Control Equipment
- Data Acquisition System
- Construction machinery

Notes:

- 1 Do not touch the diaphragm with hard objects, which may cause damage to the diaphragm.
- 2 Please read the Instruction Manual of the product carefully before installation and check the relevant information of the product.
- 3 Strictly follow the wiring method for wiring, otherwise it may cause product damage or other potential faults.
- 4 Misuse of the product may cause danger or personal injury.



Product overview

The compact pressure transmitter adopts a glass micro melt sensor, which is suitable for high pressure overload and can effectively resist instantaneous pressure impact. It can measure fluid media with a small amount of impurities. The built-in digital processing circuit converts the sensor millivolt signal into standard voltage and current signal output, with various structural forms and output forms, meeting the vast majority of application requirements.

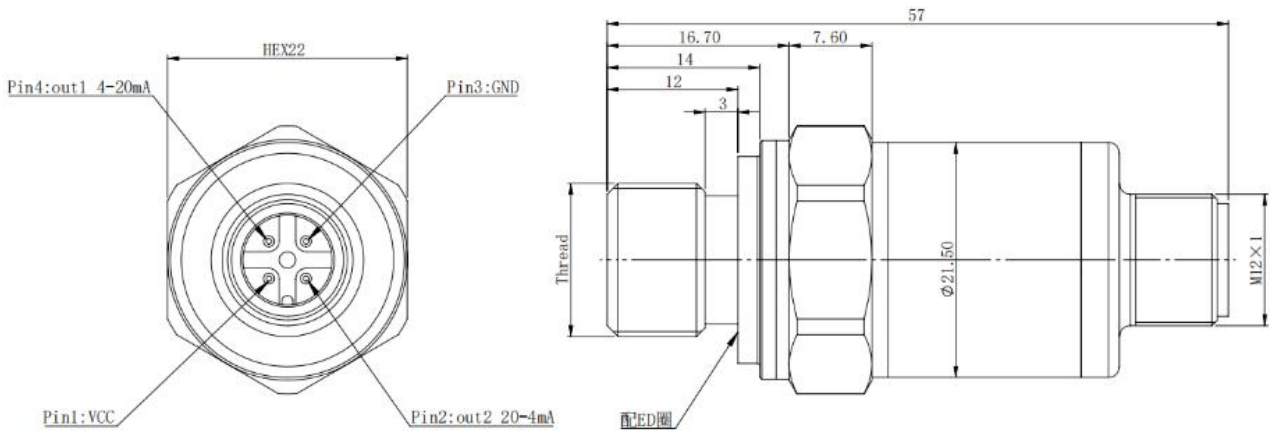
Notes:

- 1 Do not misuse documentation.
- 2 The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 3 Complete installation, operation, and maintenance information is provided in the instructions of the product.
- 4 Misuse of the product may cause danger or personal injury.

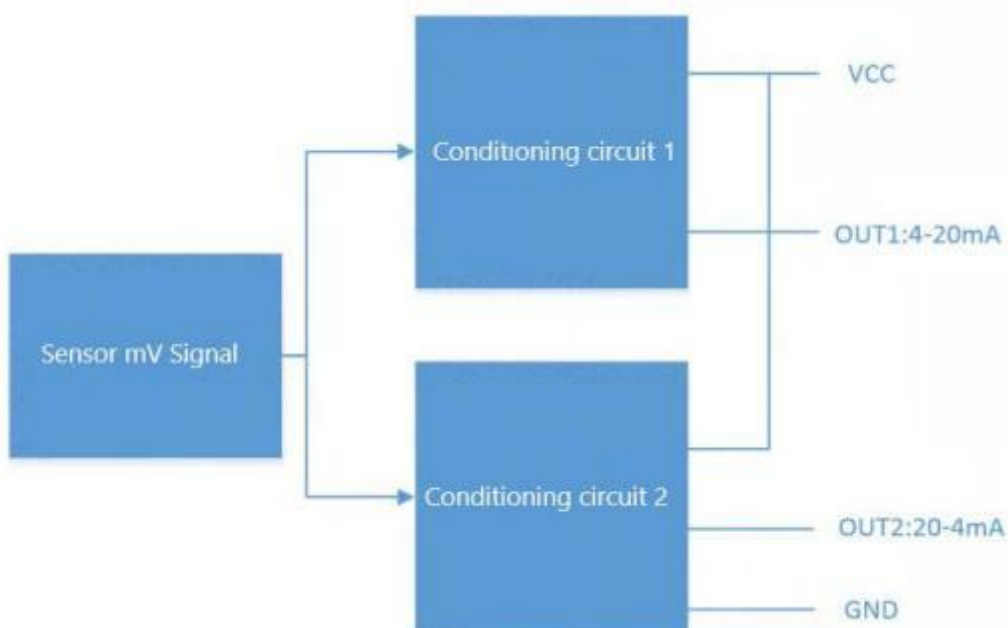
Performance parameters

Pressure range	0~1MPa...60MPa
Pressure reference	Gauge pressure
Power Supply	9~36 VDC
Output	4~20mA(20~4mA)
Accuracy	±0.5%FS
Storage temperature	-40℃~125℃
Operating temperature	-20℃~125℃
Overpressure	200%FS
Mechanical vibration	Sinusoidal curve: 20g (25Hz-2kHz)
Long term stability	±0.2%FS/year
Insulation	≥100MΩ/250VDC
Protection	IP65

External dimensions and wiring definitions:



Wiring diagram:

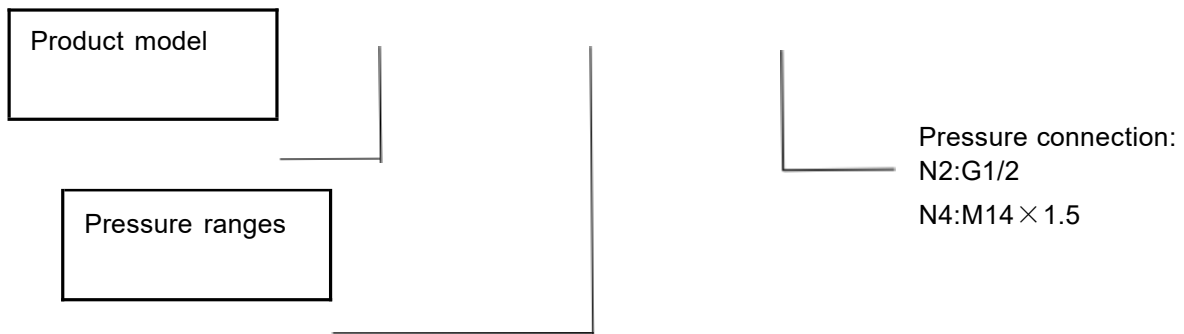


Pressure connection

Thread Code	Thread	Hexagon
N4	M14 × 1.5	HEX22
N2	G1/2	HEX22

How to order

PCM101 - 6Mpa - N2



Example: PCM101-6MPa-N2

The product model is PCM101, pressure range: 0-6MPa, pressure connection:G1/2

Ordering tips

- 1.Ensure compatibility between measured media and contacting part of product.
- 2.For special requirements on the appearance and performance parameters, customization is available.

Wotian reserves the right to make any change in this publication without notice. The information provided is believed to be accurate and reliable as of this product sheet.

Contact us

Nanjing Wotian Technology Co.,Ltd.

Website: www.wtsensor.com

Add: 5 Wenying Road, Binjiang Development Zone, Nanjing, 211161, China

E-mail: dr@wtsensor.com