

PCM3601 High Pressure Common Rail Pressure Transmitter

Features

- Integrated structural design, no leakage risk, digital circuit processing
- Excellent shock resistance, anti-overpressure and anti-vibration
- Strong anti-interference, good long-term stability
- Small size, light weight, easy to install and use
- Various process and electrical connection options
- Suitable for batch production, economic and reliable

Applications

- Diesel ECU control system

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

PCM3601 series pressure transmitters are applicable to automotive customers. The series uses mature design and technology of mass production and a variety of mechanical connections. It is a cost-effective pressure transmitter to meet different customer needs.

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.

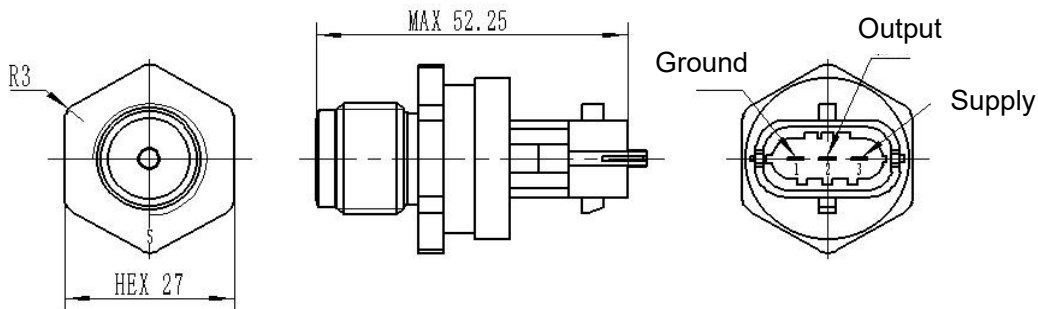
Performance parameters

Pressure range	0~150MPa, 180MPa, 200MPa
Pressure reference	Gauge Pressure
Accuracy	±1%F.S. (linearity, hysteresis, repeatability, calibration) @25° C
Full scale error	±2%F.S.(-40° C~140° C)
Operating temp.	-40° C~140° C
Storage temp.	-40° C~140° C
Overpressure	200%F.S.
Burst pressure	400%F.S.

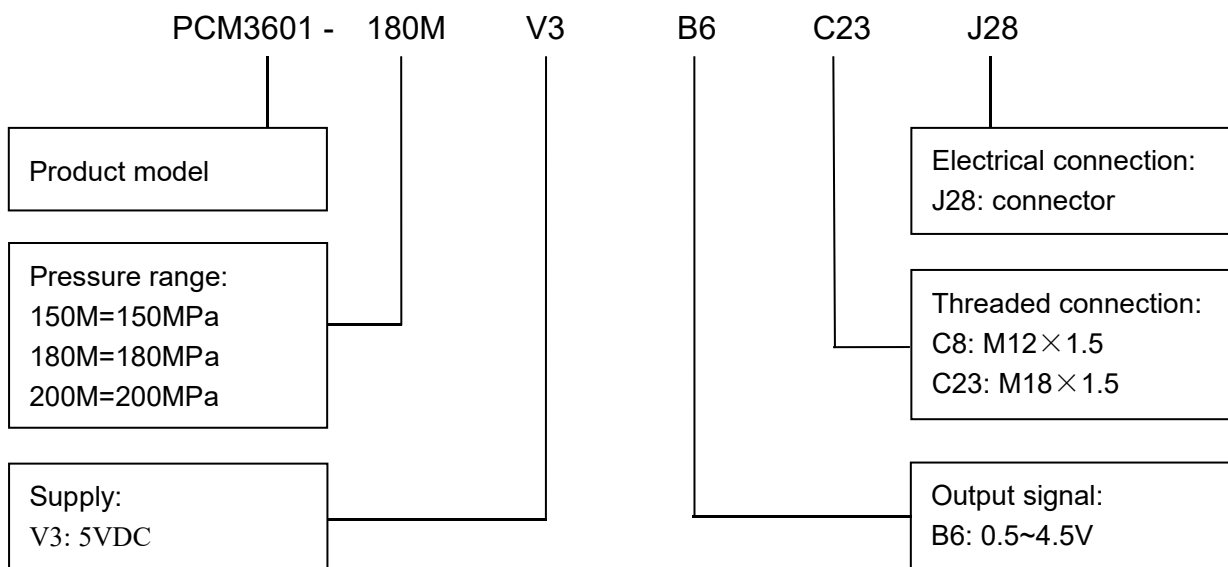
Performance parameters (cont.)

Service life	≥5000000 full-scale pressure cycles
Vibration resistance	10g(50-2000Hz)
Output and supply	0.5~4.5VDC R/M (5±0.25VDC supply)
Output response time	≤10mS
Reverser voltage	-14VDC(voltage output type)
Protection	IP65
EMC(512MHz-1GHz)	100V/m
EMC(1MHz-512MHz)	50V/m
Sensing element material	17-4PH
Housing material	Stainless steel 304
Certificate	RoHS, REACH

Typical drawing



How to order





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.

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