

PCM106 High Pressure Common Rail

Features

- Integrated structural design
- With superior impact resistance
- Anti-overload, anti-vibration, anti-interference
- Small size, light weight, easy to install and use
- Multiple process and appliance connection options
- Suitable for mass production, economical and reliable

Applications

- ECU control system for diesel vehicles

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.



Overview

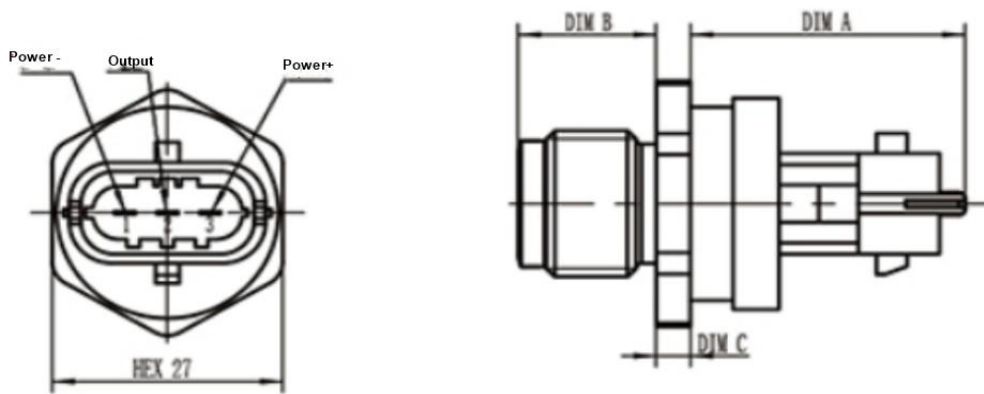
This High pressure Common Rail (Common Rail) EFI technology refers to A closed loop system composed of high pressure oil pump, pressure sensor and electronic control unit (ECU), the injection pressure generation And injection process are completely separate from Each other a way of oil supply This series of sensors is Divided into A and B structure, that is, PCM36A series And PCM36B series, wide measuring range, It is widely Used in the control system unit of diesel vehicles.

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	
Reference ambient temperature	25 °C
Accuracy	± 1%FS
Total Error	± 2%FS(-40°C~140°C)
Operation temperature	-40°C ~ 140°C
Storage temperature	-50°C ~ 150°C
Overload pressure	200%
Burst pressure	300%
Working life	≥ 5000000 (Full pressure cycle)
Vibration	30g(50-2000Hz)
Response time	≤ 10ms
Falling	1.5m

Structure and dimensions for PCM106



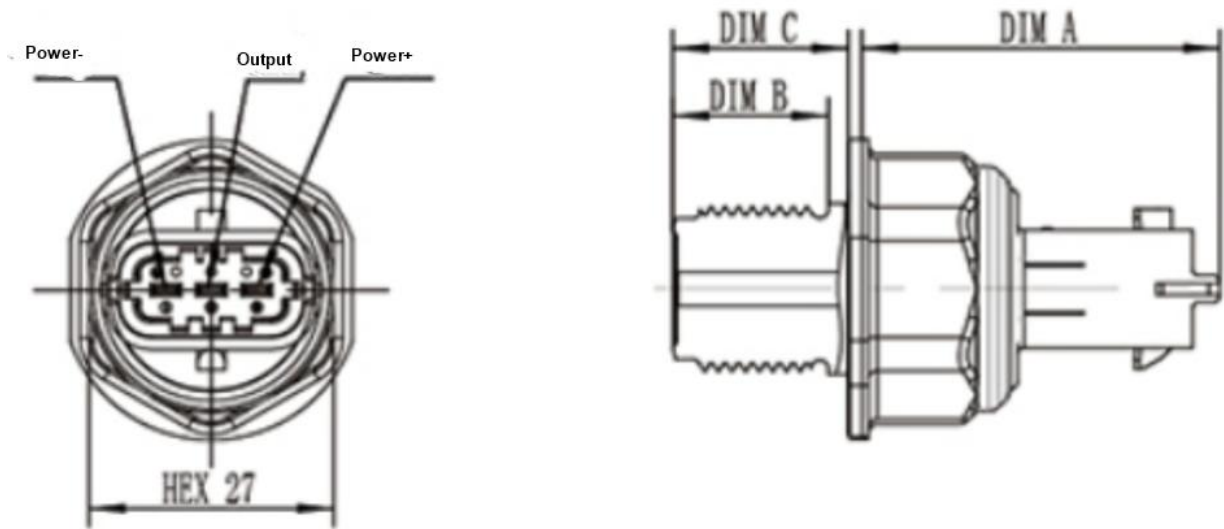
Pressure port type for PCM106

code	thread	DIM B (MM)	DIM C (MM)
07	M12*1.5-6g	14.5	4
15	M18*1.5-6g	15.9	4

Electrical connection type for PCM106

code	Electrical connection	DIM A (MM)
19	1928 403 968	32.2
20	1928 403 968	32.2
21	1928 404 074	31.4

Structure and dimensions for PCM106



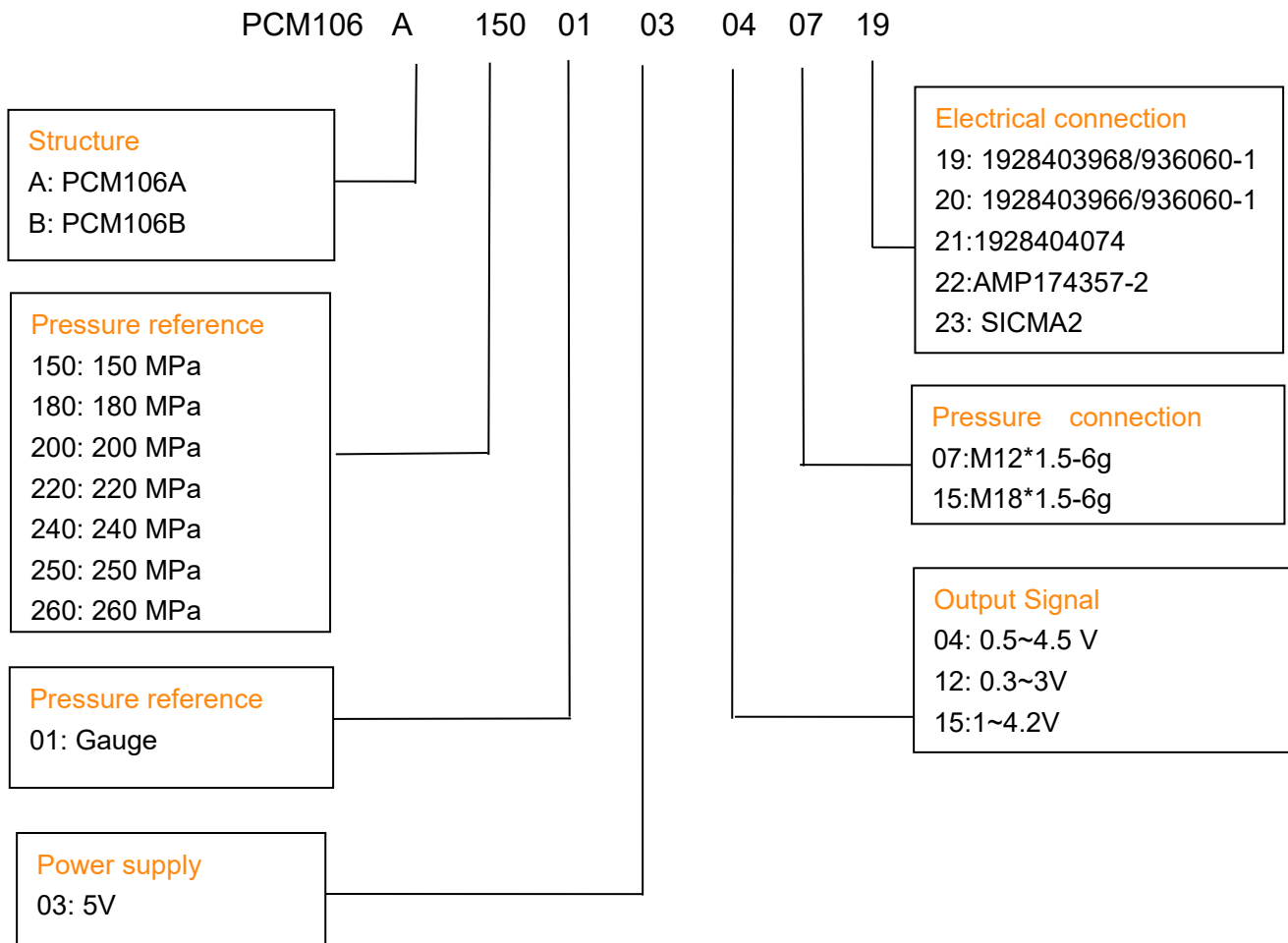
Pressure port type for PCM106

code	thread	DIM B (MM)	DIM C (MM)
07	M12*1.5-6g	16.4	18.2
15	M18*1.5-6g	17.1	19.3

Electrical connection type for PCM106

code	Electrical connection	DIM A (MM)
19	1928 403 968	39.4
22	AMP 174357-2	33.4
23	SICMA2	42.2

How-to-order



For example: PCM106A1500103040719

The product model is PCM36A, 150: Pressure range 150MPa, 01: Pressure reference Gauge (by default), 03: power supply 5 V, 04: output signal: 0.5~4.5v, 07: pressure connection M12*1.5-6g, 19: Electrical connection 1928403968/936060-1.

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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