

# V8

## Технические характеристики

### По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Россия (495)268-04-70

Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Казахстан (7172)727-132

Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

# ROTARY PISTON FLOW METER



- 1) JSN is top 10 manufacturer to produce Rotary piston flowmeter
- 2) Siemens CNC system and Cutting accuracy up to 0.001mm
- 3) Dial is 360C rotation to easy installation and read.
- 4) Anti-water, anti-dust and anti-vibration.
- 5) National patent product: No.ZL201120213703.4
- 6) Working life is 5~10 years.

## V8 Mechanical Flow Meter

### Description

---

Mechanical flow meter, as known as Positive displacement flow meter, measure volumes of fluid flowing through by counting repeatedly the filling and discharging of known fixed volumes.

JSN mechanical flow meter is made by former Siemens engineer and also use Siemens CNC system, the cutting accuracy is up to 0.001mm. this is basic equipment that ensure JSN to produce good rotary flow meter. The rang ratio of JSN rotary flow meter can be up to 100:1, the working life is 5~10 years, the accuracy is up to 0.2% , and it's in whole working life of rotary flow meter, clients can have much benefits only from this side if compare JSN mechanical flow meter with others. It has can measure liquid with widely viscosity, from water to 10000 cp.



## Parameter

---

### Basic parameter

**Model :** CX-FM-V8

**Flow Range :** 4~200 L/h

**Accuracy :** 0.5%

**Temperature :** -30~80C

**Pressure :** 32 Bar

**Material :** Brass calculate cavity

**Display :** Local mechanical display

**Parts :** without filter bowl

**Connection :** M15\*1.4 thread connection

## Electrical connection

| Connection for hall sensor (3 wires)                                                                                                                   | Connection for reed switch (2 wires)                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Power supply:5-18VDC (customized for 3-26VDC)<br>Red wire: power supply<br>Black wire: GND<br>Yellow wire: signal<br>Model:V4/8-OEM-3,V4/8R-3,V4/8BR-3 | Power supply:5-36VDC<br>Note:(no positive and negative difference)<br>Model:V4/8-OEM-2,V4/8R-2,V4/8BR-2 |

## Feature

---

- 1)It's the best flow consumption flow meter (counter) to manage fuel consumption. the accuracy is better than 1%.
- 2)It's our patent product and certificate is issued by State Intellectual Property Office, number is ZL 201120213703.4
- 3)We are the leading manufacturer of fuel consumption flow meter in China.
- 4)Monitor fuel consumption in modern way by connection with GPS.
- 5)The rotary piston flow meter you could choosed by the power of engine.V8 suitable for beyond 200KW and the flow range is 4~200 L/h.

JSN mechanical flow meter combines economy with high performance due to large scale production. JSN ensure delivery time is in 7~9 working days for each model. It is also the good proof for eng enterprise strength. Our 80% rotary flow meter is exported to more 100 countries every year. As benchmarking manufacturer in flow meter, JSN company have good reputation from all over the world and also build formal cooperation with top well-known enterprise or institution ,even the top 500. such as BYD Auto (Build Your Dreams), SANAN OPTOELECTRONICS co., Ltd, HAN's LASER , Shanghai Volkswagen ,Mcdonald's, Universitetet i Oslo, Peking University ,Chinese Academy of Sciences etc. clients. Satisfaction of customers is the best proof of quality.JSN mechanical flow meter was without quality complaint in 3 years .



## 1.Model and Parameters

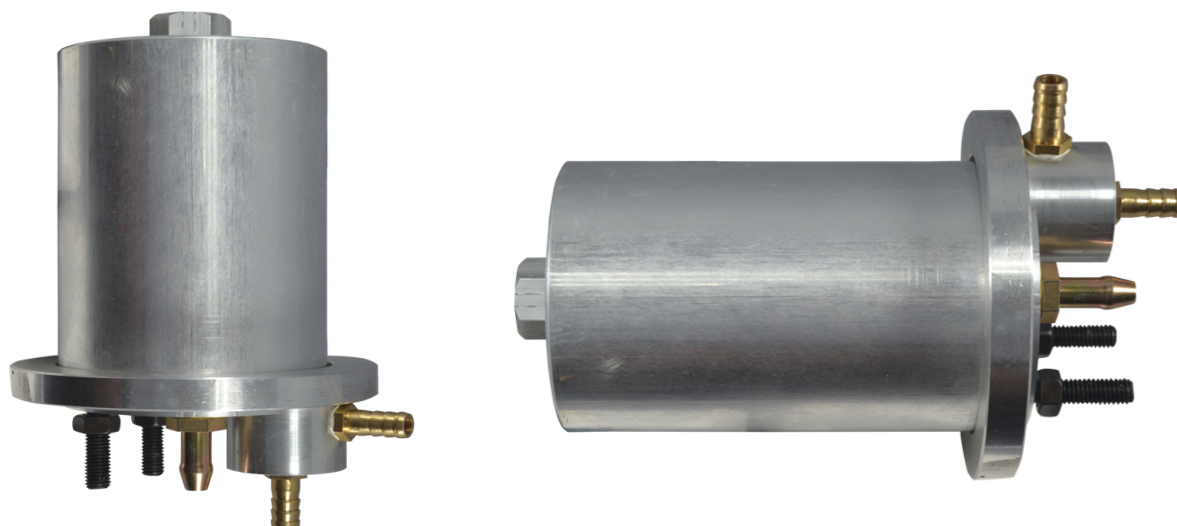
| Model     | Mechanical counter | Strainer | Pulse type | Flow range (L/H) | Accuracy | Thread  | Pressure (Bar) | Temp (C) |
|-----------|--------------------|----------|------------|------------------|----------|---------|----------------|----------|
| V4        | YES                | NO       | NO         | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4B       | YES                | YES      | NO         | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4B-OEM-2 | NO                 | YES      | Reed       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4B-OEM-3 | NO                 | YES      | Hall       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4-OEM-2  | NO                 | NO       | Reed       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4-OEM-3  | NO                 | NO       | Hall       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4R-2     | YES                | NO       | Reed       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4R-3     | YES                | NO       | Hall       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4BR-2    | YES                | YES      | Reed       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V4BR-3    | YES                | YES      | Hall       | 1-100            | 1%       | M14*1.5 | 32             | -40~80   |
| V8        | YES                | NO       | NO         | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8B       | YES                | YES      | NO         | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8B-OEM-2 | NO                 | YES      | Reed       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8B-OEM-3 | NO                 | YES      | Hall       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8-OEM-2  | NO                 | NO       | Reed       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8-OEM-3  | NO                 | NO       | Hall       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8R-2     | YES                | NO       | Reed       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8R-3     | YES                | NO       | Hall       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8BR-2    | YES                | YES      | Reed       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |
| V8BR-3    | YES                | YES      | Hall       | 4-200            | 1%       | M14*1.5 | 32             | -40~80   |

## 2.Pulse Parameters

| Model    | Pulse equivalent | Min flow | Frequency (HZ) | Pulse with (S) | Max flow | Frequency (ZH) | Pulse with (S) |
|----------|------------------|----------|----------------|----------------|----------|----------------|----------------|
| V4 OEM-2 | 200P/L           | 1L/H     | 0.055000       | 18.00          | 100L/H   | 4.444000       | 0.23           |
| V4 OEM-3 | 200P/L           | 1L/H     | 0.055000       | 18.00          | 100L/H   | 4.444000       | 0.23           |
| V4R-2    | 2P/L             | 1L/H     | 0.000550       | 1800.00        | 100L/H   | 0.044440       | 22.50          |
| V4R-3    | 1P/L             | 1L/H     | 0.000270       | 3600.00        | 100L/H   | 0.022220       | 45.00          |
| V4BR-2   | 2P/L             | 1L/H     | 0.000550       | 1800.00        | 100L/H   | 0.044440       | 22.50          |
| V4BR-3   | 1P/L             | 1L/H     | 0.000027       | 3600.00        | 100L/H   | 0.022220       | 45.00          |
| V8 OEM-2 | 80P/L            | 4L/H     | 0.088800       | 11.25          | 200L/H   | 4.444000       | 0.23           |
| V8 OEM-3 | 80P/L            | 4L/H     | 0.088800       | 11.25          | 200L/H   | 4.444000       | 0.23           |
| V8R-2    | 2P/L             | 4L/H     | 0.000550       | 1800.00        | 200L/H   | 0.044440       | 22.50          |
| V8R-3    | 1P/L             | 4L/H     | 0.000027       | 3600.00        | 200L/H   | 0.022220       | 45.00          |
| V8BR-2   | 2P/L             | 4L/H     | 0.000550       | 1800.00        | 200L/H   | 0.044440       | 22.50          |
| V8BR-3   | 1P/L             | 4L/H     | 0.000027       | 3600.00        | 200L/H   | 0.022220       | 45.00          |

The rotary piston flow meter may be with a exhaust device based on you working conditions.

- 1.It has same function as air eliminator,but principle is totally different.
- 2.It's suitable for 900L/H.the capacity of chamber is 0.7L.
- 3.The pressure in return line will be zero with adjustor and the pressure is also zero in chamber.
- 4.Pulsation will disappear when fuel goes through the adjustor.



**По вопросам продаж и поддержки обращайтесь:**

Алматы (7273)495-231  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Россия (495)268-04-70

Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Казахстан (7172)727-132

Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93