

# M5.2-SS

## 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

# OVAL GEAR FLOW METER



## M5.2-SS Low Volume Flow Meter

- 1) Strictly carry out ISO9001 standard & without quality complaint in 3 years
- 2) Working life is more 5 years and Equivalent to save 60% cost
- 3) Accuracy is up to 0.2%& over than 90% peers
- 4) Siemens CNC system and Cutting accuracy up to 0.001mm
- 5) Min flow only is 0.1ml/min and rarely in china and foreign
- 6) Special patent technology&anti-explosion

## Low Volume Flow Meter

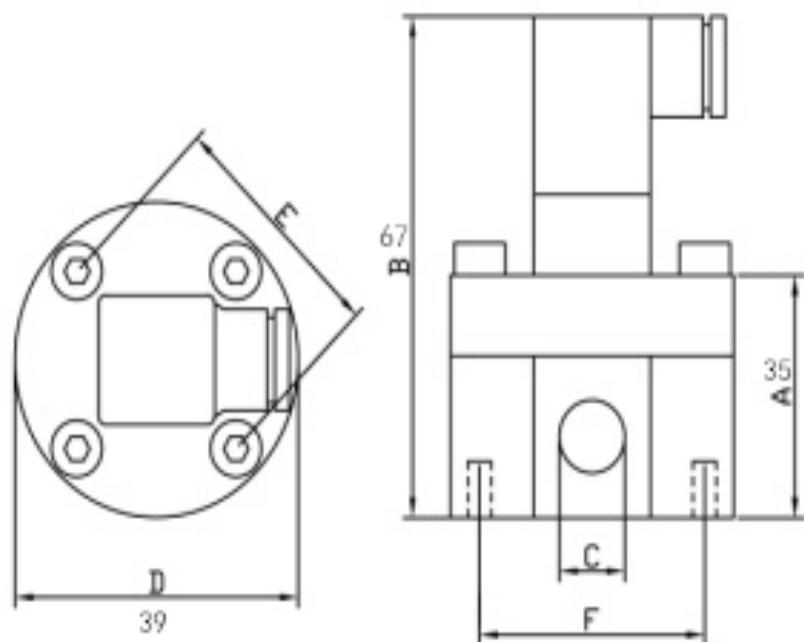
### Description

---

Our low volume flow meter is a kind of oval gear flow meter ,along to positive displacement flow meter. there is thousands of manufacturers who can produce oval gear flow meter. but only several manufacturer who have technology to produce micro liquid flow meter.

JSN micro flow meter offer the highest accuracy and measure for various viscosity liquid. special patent technology to measure flow from 0.1ml/min and ensure working life more 5 years.

JSN micro liquid flow meter is wildly used for various industries for precision measurement. So far it has been serviced for more 100 using condition, such as fuel oil measurement, Adhesive control ,Hydraulic life cycle testing, electrolyte dosing, natural gas odorization.



# Parameters

## Basic Parameters of Low Volume Flow Meter:

**Model:** CX-M5.2-SS

**Flow Range:** 1~400ml/min

**Accuracy:** 0.2% or 0.5%

**Temperature:**-30~80C(max temperature200C)

**Pressure:** 32Bar

**Output:** square-wave pulse(reed switch,2 wires;hall sensor,3wires)

**Supply:**4~26VDC

**Material:**all stainless steel 316L

The various medium that has been pass tested by JSN micro flow meter

|                   |                |                    |                        |
|-------------------|----------------|--------------------|------------------------|
| water             | gum            | chemicals          | fluid                  |
| oil               | dyes           | liquid             | adbrasive adhesive     |
| grease            | petrochemicals | isocyanate         | two-component mixers   |
| paints            | adhesive       | ink                | waterbased liquid      |
| skydrol           | brake fluid    | hydraulic oil      | sealant                |
| gear oil          | low viscosity  | lubracating        | methylbenzene          |
| Diesel            | Methanol       | methyl alcohol     | medium viscosity       |
| polyol            | high viscosity | offset ink         | Toluene                |
| lacquer           | low lubricity  | resin              | Pharmaceuticals        |
| solvent           | cavity wax     | wax                | clear lacquer          |
| glycol            | glycerin       | sodium hydroxide   | caustic soda           |
| ethylene          | diethylene     | triethylene        | propylene              |
| corn oil          | cocoanut oil   | molasses           | bhylene                |
| palm oil          | olive oil      | lard oil           | cotton oil             |
| soy bean oil      | rosin oil      | rape seed oil      | dimethylthylsufid DMS  |
| additive          | syrup          | sugar              | electrohydrodynamic    |
| liquefied gas     | perfume        | aromatic substance | pharmaceutical         |
| peanut oil        | fluid food     | thioether          | tetrahydrothiophen THT |
| acryiat-composite | Thiol          | mercaptan          | mercaptan-composite    |

## The Using conditions of low volume flow meter

|                   |                          |                                 |
|-------------------|--------------------------|---------------------------------|
| hydraulic system  | precision dosing         | 2 and 3 component application   |
| process control   | open/closed loop control | corrosive chemical dispensing   |
| water treatment   | additive injection       | automobile industry             |
| system monitoring | laundry chemical         | plastic technology              |
| print process     | chemical batching        | chemical packaging and blending |
| ratio control     | consumption measurement  | oil metering                    |
| metering plant    | hydraulic test stand     | batching control                |
| lacquering plant  | 2 component plant        | flow rate measurement           |
| dosing            | Odorisation              | closed-loop management          |

## Features

---

Our chief engineer is former Siemens engineer ,all CNC machines is all use Siemens system, so far the performance of JSON low volume flow meter has achieved or over the highest standard through years' effort. For example, min flow of low volume flow meter is 0.1ml/min,pulse ratio can be 1ml/pulse,max pressure is up to 1000bar, etc.

### Features:

M5.2-SS flow range:1~400ml/min

Max pressure is up to 1000bar;

Highest temperature about 200C;

0.2% high accuracy beyond 90% peers;

Micro flow meter with longer working life by all stainless steel material;

Range ratio beyond 100:1;

Wide range of application,such as the hydraulic system,Lubricating industry and painting.

**По вопросам продаж и поддержки обращайтесь:**

|                             |                                 |                                |                           |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|
| Алматы (7273)495-231        | Казань (843)206-01-48           | Новокузнецк (3843)20-46-81     | Смоленск (4812)29-41-54   |
| Архангельск (8182)63-90-72  | Калининград (4012)72-03-81      | Новосибирск (383)227-86-73     | Сочи (862)225-72-31       |
| Астрахань (8512)99-46-04    | Калуга (4842)92-23-67           | Омск (3812)21-46-40            | Ставрополь (8652)20-65-13 |
| Барнаул (3852)73-04-60      | Кемерово (3842)65-04-62         | Орел (4862)44-53-42            | Сургут (3462)77-98-35     |
| Белгород (4722)40-23-64     | Киров (8332)68-02-04            | Оренбург (3532)37-68-04        | Тверь (4822)63-31-35      |
| Брянск (4832)59-03-52       | Краснодар (861)203-40-90        | Пенза (8412)22-31-16           | Томск (3822)98-41-53      |
| Владивосток (423)249-28-31  | Красноярск (391)204-63-61       | Пермь (342)205-81-47           | Тула (4872)74-02-29       |
| Волгоград (844)278-03-48    | Курск (4712)77-13-04            | Ростов-на-Дону (863)308-18-15  | Тюмень (3452)66-21-18     |
| Вологда (8172)26-41-59      | Липецк (4742)52-20-81           | Рязань (4912)46-61-64          | Ульяновск (8422)24-23-59  |
| Воронеж (473)204-51-73      | Магнитогорск (3519)55-03-13     | Самара (846)206-03-16          | Уфа (347)229-48-12        |
| Екатеринбург (343)384-55-89 | Москва (495)268-04-70           | Санкт-Петербург (812)309-46-40 | Хабаровск (4212)92-98-04  |
| Иваново (4932)77-34-06      | Мурманск (8152)59-64-93         | Саратов (845)249-38-78         | Челябинск (351)202-03-61  |
| Ижевск (3412)26-03-58       | Набережные Челны (8552)20-53-41 | Севастополь (8692)22-31-93     | Череповец (8202)49-02-64  |
| Иркутск (395)279-98-46      | Нижний Новгород (831)429-08-12  | Симферополь (3652)67-13-56     | Ярославль (4852)69-52-93  |
| Россия (495)268-04-70       | Киргизия (996)312-96-26-47      | Казахстан (7172)727-132        |                           |