

V4

Технические характеристики

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ROTARY PISTON FLOW METER



V4 Rotary Piston Flowmeter

- 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.

V4 Rotary Piston FlowMeter

Description

Rotary piston flowmeter , 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 rotary piston flowmeter 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 piston flowmeter. The rang ratio of JSN rotary piston 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 piston flow meter, clients can have much benefits only from this

side if compare JSN rotary piston flow meter with others. It has can measure liquid with widely viscosity, from water to 10000 cp.



Parameter

Basic Parameters

Model:CX-FM-V4

Flow Range: 1~100 L/h

Accuracy: 0.5%

Temperature: -30~80C

Pressure: 32Bar

Material: brass calculate cavity

Display:Local mechanical display

Parts:without Filter bowl

Connection:M14*1.5 thread

Electrical connection

Connection for hall sensor (3 wires)	Connection for reed switch (2 wires)
Power supply:5-18VDC (customized for 3-26VDC) Red wire: power supply Black wire: GND Yellow wire: signal Model:V4/8-OEM-3,V4/8R-3,V4/8BR-3	Power supply:5-36VDC Note:(no positive and negative difference) 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.V4 suitable for less 200Kw.V8 suitable for beyond 200KW.



1.Model and Parameters

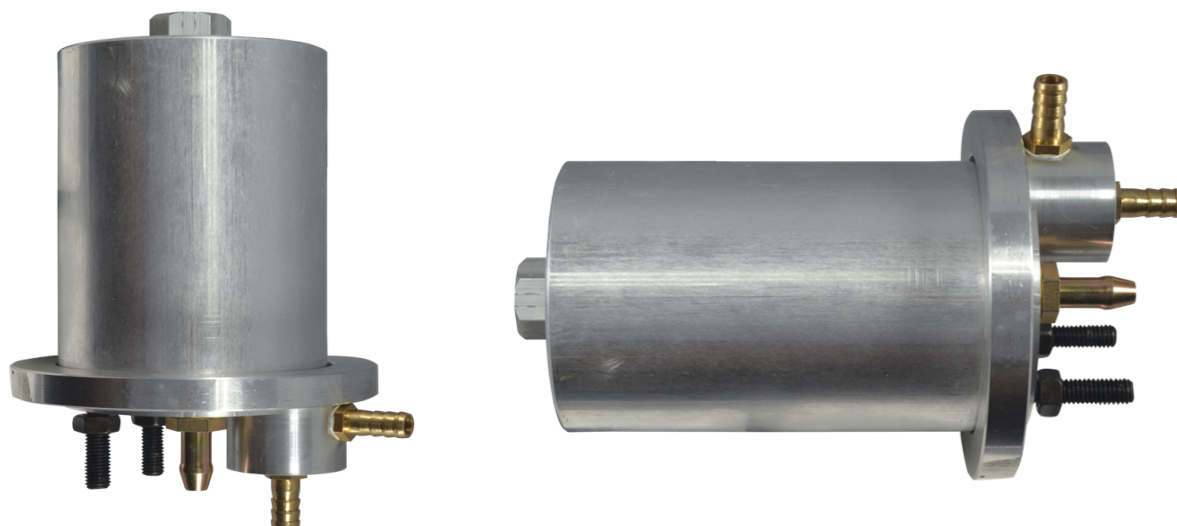
Model	Mechanical counter	Strainer	Pulse type	Flow range (L/H)	Accuracy	Thread	Pressure (Bar)	Temp (C)
V4	YES	NO	NO	1-100	1%	M14*1.5	32	-40~80
V4B	YES	YES	NO	1-100	1%	M14*1.5	32	-40~80
V4B-OEM-2	NO	YES	Reed	1-100	1%	M14*1.5	32	-40~80
V4B-OEM-3	NO	YES	Hall	1-100	1%	M14*1.5	32	-40~80
V4-OEM-2	NO	NO	Reed	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.



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