

1 Technical Parameters

Flow Range: 0.15---8m/S

Pipe Diameter Range: DN15---DN600

Output Signal: Square wave, NPN open-collector; 40-42Hz/m/S;

Power Supply Voltage: DC5-24V

Measurement Accuracy:

Linear Accuracy: 1%

Repeatability Accuracy: 0.5%

Pressure and Temperature:

PP Body: 12.5bar@25°C-1.7bar@80°C

CPVC Body: 12.5bar@25°C-1.7bar@80°C

PVDF Body: 12.5bar@25°C-2.5bar@100°C

PTFE Body: 12.5bar@25°C-2.5bar@100°C

Metal Flow Sensor: 30bar@100°C

Flow Parts:

Body: PP/PC/PTFE/PVDF

Shaft and Bearing: Al₂O₃/ZrO₂/SS316L/Hastelloy C/Titanium Alloy

O-ring: FPM/FPDM/Fluororubber

Rotor: PP/ABS/PVDF/PTFE

Protection Level: IP68

Connection Cable: High-quality shielded cable



2 Rotary Flow Sensor Selection Table

JS11-11P

Technical Parameter

Application	Pure water reverse osmosis, ultrafiltration, water purification treatment, etc.
Flow rate range	0.15-8m/S
Pipe diameter range	DN25-DN600
Signal output	Square wave, 45Hz/m/s
Temperature and pressure	12.5bar@25°C
Flow part material	PP/PVDF
Protection grade	IP68
Voltage supply	DC5-24V

JS11-22P

Technical Parameter

Application	Chemical fields such as sulfuric acid, nitric acid, copper sulfate, etc., special for strong acids and alkalis
Flow rate range	0.3-5m/S
Pipe diameter range	DN25-DN600
Signal output	Square wave, 45Hz/m/s
Temperature and pressure	12.5bar@25°C
Flow part material	PVDF
Protection grade	IP68
Voltage supply	DC5-24V

JS11-P10

Technical Parameter

Application	Special for smart agriculture, fertilizer applicator, and water purification treatment
Flow rate range	0.3-5m/S
Pipe diameter range	DN15-DN50
Signal output	Square wave, 45Hz/m/s
Temperature and pressure	12.5bar@25°C
Flow part material	PP
Protection grade	IP68
Voltage supply	DC5-24V

